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R-586-10-4-41

SAMPLING INVESTIGATION REPORT
SAAD SITE
NASHVILLE, TENNESSEE

Prepared Under
TDD NO. F4-8304-01
CONTRACT NO. 68-01-6699

FOR THE
AIR AND WASTE MANAGEMENT DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY

OCTOBER 31, 1984

NUS CORPORATION
SUPERFUND DIVISION

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area located north of the Croft property. In 1968, L & N Railroad paid damages to the Croft farm for polluting the spring, which reportedly injured cattle that drank from the stream. Past sampling of the major spring by the Tennessee Water Quality staff has documented the presence of alkylated benzene, 1,1-dichloroethylene, chloroform, carbon tetrachloride and chlorobenzene. Additionally, the stream is aesthetically damaged by an orange colored precipitant thought to be related to an unnatural bloom of iron-fixing microflora. Museum and state officials desire to rid this spring of pollution to eliminate possible health risks to users of the planned park and to restore its natural appearance.

During August and September of 1982, FIT installed seven monitoring wells on and around the Saad Site. Five of the monitoring wells were installed on the Croft farm, adjacent to the Saad Site. The sixth well was placed on L & N property and the seventh well was drilled on the Saad Site. The locations of the monitoring wells are given in Figure 2. The data generated by the installation of the monitoring wells is given in the report submitted under TDD # F4-8204-06.

Two previous sampling studies were conducted during May and September of 1982. The first study (May, 1982) included the collection of water and sediment samples from streams and surface drainage routes in the area. The second study (September, 1982) consisted of the collection of groundwater samples from six of the seven monitoring wells. The results of both investigations are found in the report submitted under TDD # F4-8212-105.

3.0 OBJECTIVE

The objective of this investigation was to obtain samples that would aid in determining if seasonal fluctuations in the elevation of the groundwater table in the area would effect the migration of chemical contaminants below the Saad Site. Water level measurements showing slight seasonal fluctuations taken from the seven monitoring wells on two different dates are given in Table 1.

(Tables V & VI). Of the 20 compounds detected, two compounds (benzene and phenol) are listed as priority pollutants, and 14 were unidentified. The concentrations of the 20 compounds ranged from 31 ug/l (phenol) to 1,200 ug/l (acetone).

5.3 Monitoring Well SS-CFMW-02 (Sample Code SS-CFMWRS1-02)

As shown in Table IV three metals were detected in the sample analyzed. Aluminum, manganese and iron were detected at concentrations of 790 ug/l, 150 ug/l and 800 ug/l respectively. No organic compounds were detected by the organic analyses performed on the sample.

5.4 Monitoring Well SS-CFMW-03 (Sample Code SS-CFMWRS1-03)

Inorganic analysis detected three metals present in the sample (Table IV). The three metals identified were tin (40 ug/l), manganese (450 ug/l) and iron (800 ug/l).

Five organic compounds were identified by the organic analyses performed on the sample (Tables V & VI). One of the compounds, chlorobenzene (7.4 ug/l), is listed as a priority pollutant. The remaining four compounds included acetone (64 ug/l), C₂ alkyl naphthalene (20 ug/l), C₃ alkyl naphthalene (30 ug/l) and an unidentified petroleum product.

5.5 Monitoring Well SS-CFMW-04 (Sample Code SS-CRMWRS1-04)

As shown in Table IV the inorganic analysis identified five metals and one inorganic compound present in the sample. Cyanide (14 ug/l) and lead (70 ug/l) are listed as priority pollutants.

The organic analyses detected two organic compounds in the sample (Tables V & VI). The two compounds detected were chlorobenzene (34 ug/l) and an unidentified petroleum product. Chlorobenzene is listed as a priority pollutant.

procedures as specified in the Water Surveillance Branch Standard Operating Procedures and Quality Assurance Manual (1). All of the wells with the exception of well SS-CFMW-01 were purged until dry or until three static volumes of water had been removed. Well SS-CFMW-01 was not purged because based on previous experience the well would not recharge during the time frame of the study. All laboratory analyses and quality assurance procedures used during this investigation were in accordance with the standard procedures and protocols as specified in the Analytical Support Branch Operations and Quality Assurance Manual or as specified by the existing United States Environmental Protection Agency procedures and protocols for the contract analytical laboratory program (2).

REFERENCES

1. Water Surveillance Branch Standard Operating Procedures and Quality Assurance Manual (Draft); U.S. Environmental Protection Agency, Region IV, Environmental Services Division; August 29, 1980.
2. Analytical Support Branch Operations and Quality Assurance Manual; U.S. Environmental Protection Agency, Region IV, Environmental Services Division; April 1982.

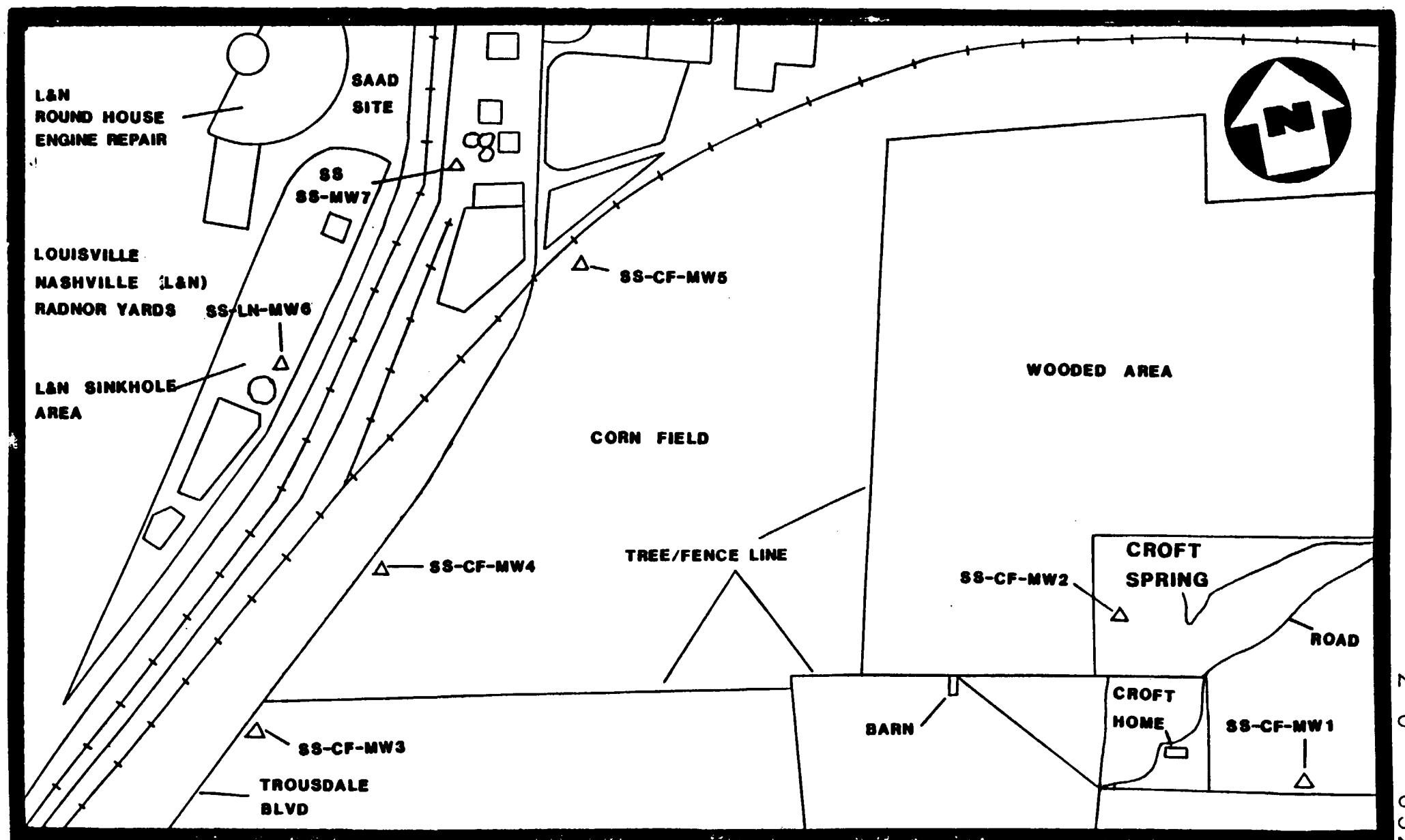


FIGURE 2 LOCATION OF MONITORING WELLS

△ MONITORING WELL

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TABLE I
SAAD SITE
NASHVILLE, TENNESSEE
WATER LEVEL MEASUREMENT
(in Ft)

| Date | SS- CFMW-01 | SS- CFMW-02 | SS- CFMW-03 | SS- CFMW-04 | SS- CFMW-05 | SS- LNMW-06 | SS- SSMW-07 |
|---------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 10/9/82 | 51.8' | 26.5' | 36.3' | 30.3' | 21.2' | 14.5' | 15.1' |
| 4/26/83 | 48.6' | 25.4' | 30.0' | 29.3' | 24.0' | 11.3' | 11.4' |

TABLE II
SAAD SITE
SOIL SAMPLES
INORGANIC ANALYSIS(1)
(in ug/kg)

| Element | SS-CSRSI-01 |
|------------|-------------|
| Arsenic* | 11,000 |
| Boron | 6,800 |
| Barium | 130,000 |
| Beryllium* | 900 |
| Cadmium* | 70 |
| Chromium* | 11,000 |
| Copper* | 4,800 |
| Nickel* | 4,100 |
| Lead* | 7,900 |
| Selenium* | 150 |
| Vanadium | 12,000 |
| Zinc* | 14,000 |
| Aluminum | 17,000,000 |
| Manganese | 2,900,000 |
| Iron | 30,000,000 |

| | |
|------------|------------|
| Arsenic* | 11,000 |
| Boron | 6,800 |
| Barium | 130,000 |
| Beryllium* | 900 |
| Cadmium* | 70 |
| Chromium* | 11,000 |
| Copper* | 4,800 |
| Nickel* | 4,100 |
| Lead* | 7,900 |
| Selenium* | 150 |
| Vanadium | 12,000 |
| Zinc* | 14,000 |
| Aluminum | 17,000,000 |
| Manganese | 2,900,000 |
| Iron | 30,000,000 |

(1) Data reported on a wet weight basis.

* Priority pollutant.

TABLE III
SAAD SITE
SOIL SAMPLES
EXTRACTABLE ORGANIC COMPOUNDS(1)
(in ug/kg)

| Compound | SS-CSRS1-01 |
|----------|-------------|
|----------|-------------|

| | |
|---------------------|----------|
| Benzothiazolethione | 3,700 JN |
|---------------------|----------|

J - Estimated value.

N - Presumptive evidence of presence of material.

(1) - Data suspect based on quality control.

TABLE IV
SAAD SITE
WATER SAMPLES
INORGANIC ANALYSES
(in ug/l)

| Element | SS-CSRS1 01W | SS-CFMWR S1-01 | SS-CFMWR S1-02 | SS-CFMWR S1-03 | SS-CFMWR S1-04 | SS-CFMWR S1-05 | SS-LNMWR S1-06 | SS-LNMWR S1-07 |
|-----------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Cyanide* | - | 16 | - | - | 14 | - | - | - |
| Arsenic* | - | - | - | - | - | - | - | 43 |
| Boron | 140 | 250 | - | - | 190 | 350 | 420 | 1,000 |
| Barium | - | - | - | - | - | - | - | 100 |
| Nickel* | - | - | - | - | - | - | - | 48 |
| Lead* | - | 66 | - | - | 70 | 7.0 | 29 | 52 |
| Tin | - | - | - | 40 | - | - | - | - |
| Zinc* | - | 54 | - | - | - | - | 84 | 33 |
| Aluminum | - | 5,500 | 790 | - | 190 | 130 | 260 | 2,800 |
| Manganese | 1,600 | 54 | 150 | 450 | 13,000 | 2,200 | 1,300 | 81,000 |
| Iron | 1,700 | 5,700 | 800 | 800 | 20,000 | 10,000 | 5,900 | 180,000 |

* Priority pollutant.

- Material was analyzed for but not detected.

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TABLE V
SAAD SITE
WATER SAMPLES
PURGEABLE ORGANIC COMPOUNDS⁽¹⁾
 (in ug/l)

| Compound | SS-CSRSI | SS-CFMWR | SS-CFMWR | SS-CFMWR | SS-CFMWR | SS-CFMWR | SS-LNMWR | SS-SSMWR |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| | SI-01W | SI-01 | SI-02 | SI-03 | SI-04 | SI-05 | SI-06 | SI-07 |
| Vinyl Chloride* | - | - | - | - | - | 11 | - | 15,000 |
| Chloroethane* | - | - | - | - | - | 110 | - | - |
| Methylene Chloride* | - | - | - | - | - | - | - | 31,000 |
| 1,1-dichloroethane* | - | - | - | - | - | 75 | - | - |
| Trans-1,2-dichloroethene | - | - | - | - | - | 90 | - | 160,000 |
| 1,2-dichloroethane* | - | - | - | - | - | 33 | - | - |
| 1,1,1-trichloroethane* | - | - | - | - | - | - | - | 34,000 |
| Trichloroethene | - | - | - | - | - | - | - | 85,000 |
| Benzene* | - | 45 | - | - | - | 29 | - | - |
| 1,1,2,2-tetrachloroethane* | - | - | - | - | - | - | - | 5,000J |
| Tetrachloroethene | - | - | - | - | - | - | - | 82,000 |
| Toluene* | - | - | - | - | - | 800J | - | 9,500 |
| Chlorobenzene* | - | - | - | 7.4 | 34 | - | - | 2,000J |
| Ethyl Benzene* | - | - | - | - | - | 120 | - | 4,000J |
| O & P-Xylene (mixed) | - | - | - | - | - | 110 | - | 4,000J |
| Acetone | - | 1,200 | - | 640 | - | 920 | 3,700 | - |
| Methylpropanal | - | - | - | - | - | 20JN | - | - |

TABLE VI
SAAD SITE
WATER SAMPLES
EXTRACTABLE ORGANIC COMPOUNDS⁽¹⁾
 (in ug/l)

| Compound | SS-CFMWR | SS-CSRSI- | SS-CFMWR | SS-CFMWR | SS-CFMWR | SS-CFMWR | SS-LNMWR | SS-SSMWR |
|------------------------------|----------|-----------|----------|----------|----------|----------|----------|----------|
| | S1-01 | 01W | S1-02 | S1-03 | S1-04 | S1-05 | S1-06 | S1-07 |
| Naphthalene* | - | - | - | - | - | - | - | 130 |
| Phenanthrene* | - | - | - | - | - | - | - | 88 |
| Flouranthene* | - | - | - | - | - | - | - | 20J |
| Bis(2-ethylhexyl) phthalate* | - | - | - | - | - | - | 2,600 | - |
| Phenol* | 31 | - | - | - | - | - | - | 240 |
| C2 Alkylbenzene | 80JN | - | - | - | - | - | - | - |
| C3 Alkylbenzene | 60JN | - | - | - | - | - | - | - |
| C4 Alkylbenzene | 30JN | - | - | - | - | - | - | - |
| C2 Alkylnaphthalene | - | - | - | 20JN | - | - | 5,000JN | - |
| C3 Alkylnaphthalene | - | - | - | 30JN | - | - | - | - |
| C4 Alkylbenzoic Acid | - | - | - | - | - | 90JN | - | - |
| Petroleum Product | - | - | - | N | N | - | N | N |

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TABLE VII
SAAD SITE
NASHVILLE, TENNESSEE
FIELD MEASUREMENTS

| Measurement | SS-CSRSI-01 | SS-CFMWRSI-01 | SS-CFMWRSI-02 | SS-CFMWRSI-03 | SS-CFMWRSI-04 | SS-CFMWRSI-05 | SS-LNMWRSI-06 | SS-SSMWRSI-07 |
|----------------------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Temperature C° | 16.0 | 14.0 | 15.2 | 17.5 | 20.8 | 17.8 | 16.6 | N/A |
| pH (S.U.) | 6.66 | 11.6 | 6.5 | 6.65 | 6.6 | 6.5 | 6.7 | N/A |
| Conductivity (umhos) | N/A | 1900 | 4.70 | 410 | 420 | 510 | 510 | N/A |

N/A - Not available

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REGIV
ATHENS, GEORGIA

07/27/83

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY wt)

SAMPLE NO.: 83C2426 SAMPLE TYPE: SEDIM

*****ANALYTICAL RESULTS*****

| RESULTS | UNITS | COMPOUND | STORE |
|---------|-------|---------------------------|-------|
| 720 | UG/KG | ACROLEIN | 4218 |
| 3.6U | UG/KG | ACRYLONITRILE | 4218 |
| 3.6U | UG/KG | CHLOROMETHANE | 4161 |
| 3.6U | UG/KG | BROMOMETHANE | 4195 |
| 3.6U | UG/KG | VINYLDIOL | 3145 |
| 3.6U | UG/KG | METHYLENECHLORIDE | 2604 |
| 3.6U | UG/KG | 1,1-DICHLOROETHANE | 2604 |
| 3.6U | UG/KG | 1,2-DICHLOROETHENE | 1899 |
| 3.6U | UG/KG | CHLORFORM | 1899 |
| 3.6U | UG/KG | CARBON TETRACHLORIDE | 534 |
| 3.6U | UG/KG | 1,1,1-TRICHLOROETHANE | 453 |
| 3.6U | UG/KG | 1,1,1,2-TETRACHLOROETHANE | 453 |
| 3.6U | UG/KG | BROMODICHLOROMETHANE | 453 |
| 3.6U | UG/KG | 1,2-DICHLOROPROPANE | 453 |
| 3.6U | UG/KG | TRANS-1,3-DICHLOROPROPENE | 453 |
| 3.6U | UG/KG | TRICHLOROETHENE | 453 |
| 3.6U | UG/KG | BENZENE | 309 |
| 3.6U | UG/KG | DIBROMOCHLOROMETHANE | 237 |
| 3.6U | UG/KG | 1,1,2-TRICHLOROETHANE | 237 |
| 3.6U | UG/KG | CIS-1,3-DICHLOROPROPENE | 237 |
| 3.6U | UG/KG | 2-CHLOROETHYLLVYL ETHER | 237 |
| 3.6U | UG/KG | BROMOFORM | 190 |
| 3.6U | UG/KG | 1,1,2,2-TETRACHLOROETHANE | 190 |
| 3.6U | UG/KG | TETRACHLOROETHENE | 190 |
| 3.6U | UG/KG | TOLUENE | 14 |
| 3.6U | UG/KG | CHLOROBENZENE | 14 |
| 3.6U | UG/KG | ETHYL BENZENE | 14 |
| 3.6U | UG/KG | 4-XYLENE | 14 |
| 3.6U | UG/KG | 6-P-XYLENE(MIXED) | 14 |
| 3.6U | UG/KG | MOISTURE | 14 |
| 70320 | | | 70320 |

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE STATE: TN
CITY: NASHVILLE
STATION ID: SS-C5RS1-01
STORE STATION NO:
SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 06/06/00
COLLECTED BY: R FRANKLIN RECEIVED FROM: REC'D BY:
SAMPLE REC'D: DATE/TIME 00/00/00
SEALED:
CHEMIST: FAM
ANALYTICAL METHOD:
CASE NO.: 1652 ORG SAMPLE NO.: D 2132 INORG SAMPLE NO.: 0
CONTRACT LABORATORY(ORGANIC): YMED TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH
REMARK:
REMARK:
SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FAM
REMARKS
DATA SUSPECT BASED ON: QUALITY CONTROL--USE FOR "SCREENING" ONLY!!
THE MINIMUM DETECTION LIMIT.

*****FOOTNOTES*****
*NA-NOT ANALYZED *NL-INTERFERENCES
*A-AVERAGE VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*J-ESTIMATED VALUE *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C2426 SAMPLE TYPE: SEDIM

*****ANALYTICAL RESULTS*****

| RESULTS IN: UG/KG | COMPOUND NAME |
|-------------------|-------------------------|
| 72U | ACETONE |
| 150U | METHYL ETHYL KETONE |
| 72U | CARBON DISULFIDE |
| 72U | METHYL BUTYL KETONE |
| 72U | METHYL ISOBUTYL KETONE |
| 3.6U | STYRENE |
| 7.2U | VINYL ACETATE |
| NA | DICHLORODIFLUOROMETHANE |
| 3.6U | FLUOROTRICHLOROMETHANE |

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF

SOURCE: SAAD SITE

CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CSRS1-01

STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:

ANALYTICAL METHOD:

CASE NO.: 1652 DRG SAMPLE NO: D 2132 INDRG SAMPLE NO.: MD 124

CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY

CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:

REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: FAM

REMARKS

DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****FOOTNOTES***

*A-AVERAGE VALUE *VA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD REG IV
ATHENS & GEORGIA

07/27/83

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C2426 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: NASHVILLE STATE: TN
STATION ID: SS-CRS1-01 STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 06/00/00
COLLECTED BY: R FRANKLIN RECEIVED FROM: REC'D BY:
SAMPLE REC'D: DATE/TIME 00/00/00 SEALED:

CHEMIST: JWS
ANALYTICAL METHOD:

CASE NO.: 1652 JWS SAMPLE NO.: D 2132 INORG SAMPLE NO.: MD 124
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:

SAMPLE LOG VERIFIED BY: TSB DATA VERIFIED BY: JWS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCE
*J-ESTIMATED VALUE *N=RESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT

*****ANALYTICAL RESULTS*****

| RESULTS | UNITS | COMPOUND | STORET |
|---------|-------|---------------------------------------|--------|
| 1200U | UG/KG | N-NITROSO-DIMETHYLAMINE/AZOBENZENE | 34441 |
| 2300U | UG/KG | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE | 44349 |
| 580U | UG/KG | 1,3-DICHLOROBENZENE | 59121 |
| 580U | UG/KG | 1,4-DICHLOROBENZENE | 45569 |
| 580U | UG/KG | 1,2-dichlorobenzene | 45574 |
| 580U | UG/KG | bis(2-chloroethyl) ether | 45394 |
| 1200U | UG/KG | bis(2-chloroethylisopropyl) ether | 4399 |
| 1200U | UG/KG | N,NITROSODIMETHYLAMINE | 4286 |
| 580U | UG/KG | HEXYACHLOROBUTADIENE | 44431 |
| 580U | UG/KG | 1,2,4-trichlorobenzene | 44705 |
| 580U | UG/KG | ISOPHORONE | 44445 |
| 580U | UG/KG | HEXACHLOROCYCLOCHEMADIOLENE (HCCP) | 4411 |
| 580U | UG/KG | 2-chloronaphthalene | 369 |
| 580U | UG/KG | ACENAPHTHENE | 2084 |
| 580U | UG/KG | ACENAPHTHENE | 203 |
| 580U | UG/KG | DIMETHYL PHTHALATE | 4394 |
| 580U | UG/KG | 2,4-dinitrotoluene | 46314 |
| 580U | UG/KG | 2,6-dinitrotoluene | 4629 |
| 580U | UG/KG | 4-chlorophenyl phenyl ether | 4644 |
| 580U | UG/KG | FLUORENE | 4384 |
| 580U | UG/KG | DIETHYL PHTHALATE | 439 |
| 580U | UG/KG | 1,4-NITROSDIPHENYLAMINE/DIPHENYLAMINE | 436 |
| 580U | UG/KG | HEXA-CHLOROBENZENE (HCB) | 436701 |
| 580U | UG/KG | 4-bromophenyl phenyl ether | 4639 |
| 580U | UG/KG | ANTHRACENE | 4223 |
| 580U | UG/KG | DINAPHTYLPHTHALATE | 412 |
| 580U | UG/KG | PYRENE | 4379 |
| 580U | UG/KG | BENZYL BUTYL PHTHALATE | 4472 |
| 580U | UG/KG | 2-(2-ethylhexyl) phtalate | 295 |
| 580U | UG/KG | BENZO(A)ANTHRACENE | 4102 |
| 580U | UG/KG | CHRYSENE | 529 |
| 580U | UG/KG | 3,3'-dichlorobenzidine | 4223 |
| 580U | UG/KG | DINAPHTYLPHTHALATE | 4379 |
| 580U | UG/KG | BENZO(B AND/OR K)FLUORANTHENE(TOTAL) | 4423 |
| 580U | UG/KG | BENZO(B AND/OR K)FLUORANTHENE(TOTAL) | 4634 |
| 1200U | UG/KG | INDENO(1,2,3-CD) PYRENE | 4539 |
| 1200U | UG/KG | DIBENZO(A,H)ANTHRACENE | 4524 |
| 1200U | UG/KG | 2-chlorophenylene | 4524 |
| 1200U | UG/KG | 2-nitrophenol | 4589 |
| 580U | UG/KG | PHENOL | 4694 |
| 580U | UG/KG | 4,4'-dimethylphenol | 4604 |
| 580U | UG/KG | 2,4-dichlorophenol | 4604 |
| 580U | UG/KG | 4-chloro-3-methylphenol | 4624 |
| 2900U | UG/KG | 2,4-dinitrophenol | 4615 |
| 2900U | UG/KG | 4-nitrophenol | 4619 |
| 580U | UG/KG | 4-nitrophenol | 4681 |
| 34649 | CO | MOISTURE | 70320 |

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C2426 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CSRS1-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE, /TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 JRG SAMPLE NO.: D 2132 INORG SAMPLE NO.: MD 124
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****ANALYTICAL RESULTS*****

| RESULTS | IN: UG/KG | COMPOUND NAME |
|---------|-----------|-----------------------|
| 5800U | | BENZOIC ACID |
| 5800U | | 2-METHYLPHENOL |
| 5800U | | 4-METHYLPHENOL |
| 5800U | | 2,4,5-TRICHLOROPHENOL |
| 5800U | | ANILINE |
| 1200U | | BENZYL ALCOHOL |
| 2900U | | 4-CHLORDANILINE |
| 5800U | | DIBENZOFURAN |
| 1200U | | 2-METHYL NAPHTHALENE |
| 5800U | | 2-NITROANILINE |
| 5800U | | 3-NITROANILINE |
| 5800U | | 4-NITROANILINE |
| 3700JN | | BENZOTHIAZOLETHIONE |

*****FOOTNOTES*****
*A-AVERAGE VALUE *VA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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0335

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-EAD REG IV
ATHENS, GEORGIA

07/20/83

METALS WATER REPORTING SHEET

SAMPLE NO. I 83C2431 SAMPLE TYPE: MONM

PROJECT NO. I 83-140 PROGRAM ELEMENT: NSP
SOURCE: BARD SITE STATE: TN
CITY: NASHVILLE
STATION ID: 88-CFMWRS1-01
STORE STATION NO. 1
SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 05/06/83
COLLECTED BY: R FRANKLIN RECEIVED FROM ID: REC'D BY:
SEALED:
CHEMIST: MAN ANALYTICAL METHOD:
CASE NO. I 1632 DRC SAMPLE NO. I 1412 INORG SAMPLE NO. I MD 183
CONTRACT: LABORATORY(ORGANIC), WEADE TECHNOLOGY
CONTRACT: LABORATORY(INORGANIC), CHEM TECH

REMARKS:

SAMPLE LOG VERIFIED BY: TEE

SAMPLE DATA VERIFIED BY: MAW

REMARKS

NOTES:
*A DIVERSE VALUE THAT NOT ANALYZED OR AN INTERFERENCE.
*A PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL.
**ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
**ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
**MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM AT THE EPA-ESD REGIONAL OFFICE ATHENS, GEORGIA

DATA REPORTING SHEET
METALS WATER

Sample No. 1 03C2429

PROGRAM ELEMENT: NSP
PROJECT NO: 93-140
SOURCE: BADSIS
CITY: NASHVILLE
STATE: TN
STATION ID: 1014 NO:
STATION ID: 1014 NO:
STATION ID: 1014 NO:

SAMPLE COLLECTION! START DATE/TIME 04/27/03
SAMPLE COLLECTION! STOP DATE/TIME 05/05/03
COLLECTED BY: R FRANKLIN RECEIVED FROM

RECEIVED
SAMPLE REC'D DATE/TIME 08/08/00
SEALED!

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CASE NO 4 - 1652 INORG SAMPLE NO 1 D 2160 INORG SAMPLE NO. 1 MD 160
CONTRACT LABORATORY (ORGANIC) HEAD TECHNOLOGY
CONTRACT LABORATORY (INORGANIC) CHEM TECH

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MARCH 1886

RESULTS AND DISCUSSION

| ELEMENT | RESULTS | | UNITS | ELEMENT | RESULTS | | UNITS |
|------------|----------|----------|-------|-------------|----------|----------|-------|
| | PPM | PPB | | | PPM | PPB | |
| SILVER | 0.000000 | 0.000000 | PPM | CHROMIUM | 0.000000 | 0.000000 | PPM |
| ARGONIC | 0.000000 | 0.000000 | PPM | CHALCOGEN | 0.000000 | 0.000000 | PPM |
| BARIUM | 0.000000 | 0.000000 | PPM | CHOLYBDENUM | 0.000000 | 0.000000 | PPM |
| BERYLLIUM | 0.000000 | 0.000000 | PPM | COPPER | 0.000000 | 0.000000 | PPM |
| BAROINIUM | 0.000000 | 0.000000 | PPM | COOLYBEC | 0.000000 | 0.000000 | PPM |
| COROBALIUM | 0.000000 | 0.000000 | PPM | HATIMONYX | 0.000000 | 0.000000 | PPM |
| CHOPPER | 0.000000 | 0.000000 | PPM | SELENIUM | 0.000000 | 0.000000 | PPM |
| COLYBEC | 0.000000 | 0.000000 | PPM | STRONTIUM | 0.000000 | 0.000000 | PPM |
| CHOLYBEC | 0.000000 | 0.000000 | PPM | THALLIUM | 0.000000 | 0.000000 | PPM |
| CHOLYBEC | 0.000000 | 0.000000 | PPM | YTTRIUM | 0.000000 | 0.000000 | PPM |
| CHOLYBEC | 0.000000 | 0.000000 | PPM | YTRIUM | 0.000000 | 0.000000 | PPM |
| CHOLYBEC | 0.000000 | 0.000000 | PPM | MERCURY | 0.000000 | 0.000000 | PPM |
| CHOLYBEC | 0.000000 | 0.000000 | PPM | ALUNGANESE | 0.000000 | 0.000000 | PPM |
| CHOLYBEC | 0.000000 | 0.000000 | PPM | CALCIUM | 0.000000 | 0.000000 | PPM |
| CHOLYBEC | 0.000000 | 0.000000 | PPM | IRONIUM | 0.000000 | 0.000000 | PPM |
| CHOLYBEC | 0.000000 | 0.000000 | PPM | CHROMIUM | 0.000000 | 0.000000 | PPM |
| CHOLYBEC | 0.000000 | 0.000000 | PPM | HEXAVALENT | 0.000000 | 0.000000 | PPM |

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RESULTS
 a-Average value
 e-Estimate of value
 m-Actual value
 r-Material
 u-Hypothetical
 v-Material
 w-Not analyzed
 x-Presumptive evidence of presence of material
 y-Known to be less than value given
 z-Known to be greater than value given
 The number 18
 is the minimum detection limit.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM REGISTRATION

DATA REPORTING SHEET

SAMPLE TYPE: M011C2430 Name: HDB-1

PROGRAM ELEMENT: NAF
PROJECT NO: 93-140 SOURCE: SALESITE
CITY: NASHVILLE STATE: TN
STATION ID: 55-LNMWS1-06
STORE STATION NO: 1

SAMPLE COLLECTION! START DATE/TIME 04/06/03
SAMPLE COLLECTION! STOP DATE/TIME 00/00/00
COLLECTED BY: R FRANKLIN RECEIVED FROM: DR.
SAMPLE REC'D DATE/TIME 00/00/00
SEALED!

METHODS

PLATE NO. 4, 1652, INORG. SAMPLE NO. 6 MD 161
D 2216, INORG. SAMPLE NO. 6 MD 161
CONTRACT LABORATORY (INORGANIC) : CHEM. TECH.
CONTRACT LABORATORY (INORGANIC) : CHEM. TECH.

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SAMPLE LOG VERIFIED BY: TDR SAMPLE DATA VERIFIED BY: MAM

REMARKS

*AVERAGE VALUE *NOT ANALYZED *N/A-INTERFERENCE OF MAT
 *INITIAL VALUE *REGARDLESS OF PRESENCE OF MAT
 *ACTUAL VALUE KNOWN TO BE LESS THAN VALUE GIVEN
 *ACTUAL VALUE KNOWN TO BE GREATER THAN VALUE GIVEN
 *ANALYZED VALUE KNOWN FOR BUT NOT DETECTED. THE NUMBER IS
 *MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPACED RECYCLED
ATHENS, GEORGIA

07/20/93

DATA REPORTING SHEET
METALS
WATER

SAMPLE NO.: 83C2433 SAMPLE TYPE: MONLU

PROJECT NO.: 83-140 PROGRAM ELEMENT: MST
SOURCE/SALE SITE: STATE: TN
STATION ID: SS-SSMWRB1-07
STORE STATION NO.:
SAMPLE COLLECTION: START DATE/TIME: 04/27/93
SAMPLE COLLECTION: STOP DATE/TIME: 04/27/93
COLLECTED BY: R FRANKLIN RECEIVED FROM: REC'D BY:
SEALED,
REMARK:
REMARK:
CHEMISTICAL METHOD:
ANALYTICAL METHOD:
CASE NO.: 1652 ORG SAMPLE NO.: D 2162 INORG SAMPLE NO.: MD 162
CONTRACT: LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT: LABORATORY(INORGANIC): CHEM TECH

| RESULTS | UNITS | ELEMENT | STORE |
|---------|-------|----------------------|-------|
| 100 | UG/L | SILVER | 01077 |
| 43000 | UG/L | ARMENIC | 00649 |
| 0 | UG/L | BORONIC | 00649 |
| 0 | UG/L | SARTIUM | 00649 |
| 0 | UG/L | SERYLLIUM | 00649 |
| 0 | UG/L | CADMIUM | 00649 |
| 0 | UG/L | CHROMIUM | 00649 |
| 0 | UG/L | COPPER | 00649 |
| 0 | UG/L | ZOLKADERNUM | 00649 |
| 0 | UG/L | ZICKEREL | 00649 |
| 0 | UG/L | EXCELEMONY | 00649 |
| 0 | UG/L | HECTINERIUM | 00649 |
| 0 | UG/L | MELTRONIUM | 00649 |
| 0 | UG/L | TELLURIUM | 00649 |
| 0 | UG/L | THALLIUM | 00649 |
| 0 | UG/L | VANADIIUM | 00649 |
| 0 | UG/L | CHROMIUM | 00649 |
| 0 | UG/L | IRONIUM | 00649 |
| 0 | UG/L | NEPTUNIUM | 00649 |
| 0 | UG/L | PLATINIUM | 00649 |
| 0 | UG/L | URANIUM | 00649 |
| 0 | UG/L | WANADIUM | 00649 |
| 0 | UG/L | CHALCANESCE | 00649 |
| 0 | UG/L | MAGNETIUM | 00649 |
| 0 | UG/L | MAGNESIUM | 00649 |
| 0 | UG/L | CHROMIUM | 00649 |
| 0 | UG/L | CHROMIUM, HEXAVALENT | 00649 |

*****REMARKS*****
*****NOTES*****
*AVERAGE VALUE = ANALYZED
*J-ESTIMATED VALUE = PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*IF ACTUAL VALUE IS UNKNOWN TO BE GREATER THAN VALUE GIVEN
*IF MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORET
00720

07/20/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2427 SAMPLE TYPE: AMBWA

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSP
SOURCE: SAID SITE
CITY: NASHVILLE STATE: TN

STATION ID: SS-CSR81-01W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO.: D 2133 INORG SAMPLE NO.: MD 125
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:
REMARKS:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

*****FOOTNOTES*****
*A=AVERAGE VALUE *NA=NOT ANALYZED *NI=INTERFERENCES
*E=ESTIMATED VALUE *P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.014 MG/L CYANIDE

STORET
00720

07/20/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2425 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-04
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: RPL CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO.: 0 0 INORG SAMPLE NO.: MD 181
CONTRACT LABORATORY(ORGANIC):
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:
REMARKS:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAH

REMARKS

*****FOOTNOTES*****
DA=AVERAGE VALUE DA=NOT ANALYZED DAI=INTERFERENCES
DE=ESTIMATED VALUE DN=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
OK=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
OL=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
UD=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

228

0343

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA/ESD REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.01U MG/L CYANIDE

STORED
00720

07/20/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C242B SAMPLE TYPE: MONWL

PROJECT NO: 83-140 PROGRAM ELEMENT: NSP
SOURCE: SAA&D SITE
CITY: NASHVILLE STATE: TN

STATION ID: 58-CFMNWR81-05
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAN CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2159 INORG SAMPLE NO.: MD 182
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:
REMARKS:

SAMPLE LOG VERIFIED BY: TAB DATA VERIFIED BY: MAN

REMARKS

*****FOOTNOTES*****
*A-AVERAGE VALUE *NA-NOT ANALYZED *NI=INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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0344

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STORET
00720

07/20/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2430 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SA&O SITE
CITY: NASHVILLE STATE: TN

STATION ID: SS-LNHWR1-06
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHODS:

CASE NO.: 1652 ORG SAMPLE NO.: D 2161 INORG SAMPLE NO.: MD 161
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *N/AI-INTERFERENCES
*J-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.01U MG/L CYANIDE

STORED
00720

07/20/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2433 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAIID SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: 88-58MWR51-07
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHODS:

CASE NO.: 1652 DRG SAMPLE NO.: 0 2162 INORG SAMPLE NO.: MD 162
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:
REMARKS:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

*****FOOTNOTES*****
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

07/27/83 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2431 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF

SOURCE: SAAD SITE STATE: TN

STATION I.D.: SS-CFMWRS1-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: FAM
ANALYTICAL METHOD:

CASE NO.: 1652 DRG SAMPLE NO.: D 1412 INDRG SAMPLE NO.: MD 183
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:
REMARKS:

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****ANALYTICAL RESULTS*****

| RESULTS | UNITS | COMPOUND | STORET |
|---------|-------|---------------------------|--------|
| 100U | UG/L | ACROLEIN | 34210 |
| 100U | UG/L | ACRYLONITRILE | 34215 |
| 5U | UG/L | CHLOROETHANE | 34418 |
| 5U | UG/L | BROMOETHANE | 34413 |
| 5U | UG/L | VINYL CHLORIDE | 30175 |
| 5U | UG/L | CHLOROETHANE | 34311 |
| 5U | UG/L | METHYLENE CHLORIDE | 34423 |
| 5U | UG/L | 1,1-DICHLOROETHENE | 34501 |
| 5U | UG/L | 1,1-dichloroethane | 34496 |
| 5U | UG/L | TRANS-1,2-DICHLOROETHENE | 34546 |
| 5U | UG/L | CHLOROFORM | 32106 |
| 5U | UG/L | 1,2-dichloroethane | 32103 |
| 5U | UG/L | 1,1,1-trichloroethane | 34506 |
| 5U | UG/L | CARBON TETRACHLORIDE | 32102 |
| 5U | UG/L | BROMODICHLOROMETHANE | 32101 |
| 5U | UG/L | 1,2-DICHLOROPROPANE | 34541 |
| 5U | UG/L | TRANS-1,3-DICHLOROPROPENE | 34699 |
| 5U | UG/L | TRICHLOROETHENE | 39180 |
| 45 | UG/L | BENZENE | 34030 |
| 5U | UG/L | DIBROMOCHLOROMETHANE | 34306 |
| 5U | UG/L | 1,1,2-trichloroethane | 34511 |
| 10U | UG/L | CIS-1,3-DICHLOROPROPENE | 34704 |
| 5U | UG/L | 2-CHLOROETHYL VINYL ETHER | 34576 |
| 5U | UG/L | BROMOFORM | 32104 |
| 5U | UG/L | 1,1,2-tetrachloroethane | 34516 |
| 5U | UG/L | TETRACHLOROETHENE | 34475 |
| 150U | UG/L | TOLUENE | 34010 |
| 5U | UG/L | CHLOROBENZENE | 34301 |
| 30U | UG/L | ETHYL BENZENE | 34371 |
| NA | UG/L | M-XYLENE | |
| 30U | UG/L | O&P-XYLENE(MIXED) | |

FOOTNOTES
*A-AVERAGE VALUE *N-NOT ANALYZED *NA-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REG IV
ATHENS GEORGIA

07/27/83 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2429 SAMPLE TYPE: MONWL

PROJECT NO.: M3-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-02
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: F FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: FAM
ANALYTICAL METHOD:

CASE NO.: 1652 DRG SAMPLE NO: D 2160 INORG SAMPLE NO.: MD 160
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****ANALYTICAL RESULTS*****

| RESULTS | UNITS | COMPOUND | STORET |
|---------|-------|---------------------------|--------|
| 100U | UG/L | ACROLEIN | 34210 |
| 100U | UG/L | ACRYLONITRILE | 34215 |
| 5U | UG/L | CHLOROVEMETHANE | 34418 |
| 5U | UG/L | BROMOETHANE | 34413 |
| 5U | UG/L | VINYL CHLORIDE | 39175 |
| 5U | UG/L | CHLOROETHANE | 34311 |
| 5U | UG/L | METHYLENE CHLORIDE | 34423 |
| 5U | UG/L | 1,1-DICHLOROETHENE | 34501 |
| 5U | UG/L | 1,1-dichloroethane | 34496 |
| 5U | UG/L | TRANS-1,2-DICHLOROETHENE | 34546 |
| 5U | UG/L | CHLOROFORM | 32106 |
| 5U | UG/L | 1,2-dichloroethane | 32103 |
| 5U | UG/L | 1,1,1-trichloroethane | 34506 |
| 5U | UG/L | CARBON TETRACHLORIDE | 32102 |
| 5U | UG/L | BROMODICHLOROMETHANE | 32101 |
| 5U | UG/L | 1,2-DICHLOROPROPANE | 34541 |
| 5U | UG/L | TRANS-1,3-DICHLOROPROPENE | 34699 |
| 5U | UG/L | TRICHLOROETHENE | 39180 |
| 5U | UG/L | BENZENE | 34030 |
| 5U | UG/L | DIBROMOCHLOROMETHANE | 34306 |
| 5U | UG/L | 1,1,2-trichloroethane | 34511 |
| 10U | UG/L | CIS-1,3-DICHLOROPROPENE | 34704 |
| 5U | UG/L | 2-CHLOROETHYL VINYL ETHER | 34576 |
| 5U | UG/L | BROMOFORM | 32104 |
| 5U | UG/L | 1,1,2,2-tetrachloroethane | 34516 |
| 5U | UG/L | TETRACHLOROETHENE | 34475 |
| 5U | UG/L | TOLUENE | 34010 |
| 5U | UG/L | CHLOROBENZENE | 34301 |
| 5U | UG/L | ETHYL BENZENE | 34371 |
| 5U | UG/L | M-XYLENE | |
| 5U | UG/L | O&P-XYLENE(MIXED) | |

*****FOOTNOTES***
*A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCE'S
*J-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

07/27/83 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2432 SAMPLE TYPE: MONOL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF

SOURCE: SAAD SITE STATE: TN

CITY: NASHVILLE

STATION I.D.: SS-CFMWRS1-03

STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: P FRANKLIN RECEIVED FROM:

SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:

SEALED:

CHEMIST: FAM

ANALYTICAL METHOD:

CASE NO.: 1652 OPG SAMPLE NO.: D 1445 INORG SAMPLE NO.: MD 180

CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY

CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:

REMARK:

SAMPLE LOG VERIFIED BY: TSB SAMPLE DATA VERIFIED BY: FAM

REMARKS

DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****ANALYTICAL RESULTS*****

| RESULTS | UNITS | COMPOUND | STORET |
|---------|-------|---------------------------|--------|
| 100U | UG/L | ACROLEIN | 34210 |
| 100U | UG/L | ACRYLONITRILE | 34418 |
| 5U | UG/L | CHLOROMETHANE | 34413 |
| 5U | UG/L | BROMOMETHANE | 39175 |
| 5U | UG/L | VINYL CHLORIDE | 34311 |
| 5U | UG/L | CHLOROETHANE | 34423 |
| 5U | UG/L | METHYLENE CHLORIDE | 34501 |
| 5U | UG/L | 1,1-DICHLOROETHENE | 34496 |
| 5U | UG/L | 1,1-dichloroethane | 32106 |
| 5U | UG/L | TRANS-1,2-DICHLOROETHENE | 34546 |
| 5U | UG/L | CHLOROFORM | 32103 |
| 5U | UG/L | 1,2-dichloroethane | 34506 |
| 5U | UG/L | 1,1,1-trichloroethane | 32102 |
| 5U | UG/L | CARBON TETRACHLORIDE | 32101 |
| 5U | UG/L | BROMODICHLOROMETHANE | 34541 |
| 5U | UG/L | 1,2-DICHLOROPROPANE | 34699 |
| 5U | UG/L | TRANS-1,3-DICHLOROPROPENE | 34030 |
| 5U | UG/L | TRICHLOROETHENE | 34306 |
| 5U | UG/L | BENZENE | 34511 |
| 5U | UG/L | DIBROMOCHLOROMETHANE | 34504 |
| 5U | UG/L | CIS-1,3-DICHLOROPROPENE | 34576 |
| 10U | UG/L | 2-CHLOROETHYL VINYL ETHER | 34516 |
| 5U | UG/L | BROMOFORM | 34475 |
| 5U | UG/L | 1,1,2,2-tetrachloroethane | 34010 |
| 5U | UG/L | TETRACHLOROETHENE | 34301 |
| 5U | UG/L | TOLUENE | 34371 |
| 7.4 | UG/L | CHLOROBENZENE | |
| 5U | UG/L | ETHYL BENZENE | |
| NA | UG/L | M-XYLENE | |
| 5U | UG/L | O-Ep-XYLENE(MIXED) | |

*****FOOTNOTES***
* A-AVERAGE VALUE *N-NOT ANALYZED *NAI-INTERFERENCES
* J-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
* R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
* L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
* U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG-IV

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**PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET**

SAMPLE NO.: 83C2434 SAMPLE TYPE: MCHL

SAMPLE LOG VERIFIED BY: TSB SAMPLE DATA VERIFIED BY: FAM
REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

| RESULTS | UNITS | COMPOUND | STORED |
|---------|-------|---------------------------|--------|
| 1000 | UG/L | ACROLEIN | 44210 |
| 500 | UG/L | ACRYLONITRILE | 15 |
| 500 | UG/L | CHLOROETHANE | 18 |
| 500 | UG/L | BROMOMETHANE | 138 |
| 500 | UG/L | VINYLCHLORIDE | 15 |
| 500 | UG/L | CHLOROETHANE | 15 |
| 500 | UG/L | METHYLENE CHLORIDE | 15 |
| 500 | UG/L | 1,1-DICHLOROETHENE | 15 |
| 500 | UG/L | 1,1-dichloroethane | 15 |
| 500 | UG/L | TRANS-1,2-DICHLOROETHENE | 15 |
| 500 | UG/L | CHLOROFORM | 15 |
| 500 | UG/L | 1,1,2-trichloroethane | 15 |
| 500 | UG/L | CARBON TETRACHLORIDE | 15 |
| 500 | UG/L | BROMODICHLOROMETHANE | 15 |
| 500 | UG/L | TRANS-1,2-DICLOROPROPANE | 15 |
| 500 | UG/L | TRICHLOROETHENE | 15 |
| 500 | UG/L | BENZENE | 15 |
| 500 | UG/L | DIBROMOCHLOROMETHANE | 15 |
| 500 | UG/L | 1,1,2-trichloroethane | 15 |
| 500 | UG/L | CIS-1,3-DICLOROPROPENE | 15 |
| 500 | UG/L | BROMOFORM | 15 |
| 500 | UG/L | 1,1,2,2-tetrachloroethane | 15 |
| 500 | UG/L | TETRACHLOROETHENE | 15 |
| 500 | UG/L | TOLUENE | 15 |
| 500 | UG/L | CHLOROBENZENE | 15 |
| 500 | UG/L | ETHYLBENZENE | 15 |
| 500 | UG/L | M-XYLENE (MIXED) | 15 |

FOOTNOTES
*AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCES
*J-ESTIMATED VALUE *NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*M-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD REG IV
ATHENS, GEORGIAPURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

07/27/83

SAMPLE NO.: 83C2433 SAMPLE TYPE: WDNML

RESULTS UNITS COMPOUND
 100000 UG/L ACROLEIN
 100000 UG/L ACRYLONITRILE
 50000 UG/L CHLOROACETANE
 50000 UG/L BROMOMETHANE
 15000 UG/L VINYL CHLORIDE
 50000 UG/L CHLOROETHANE
 31000 UG/L METHYLENE CHLORIDE
 50000 UG/L 1,1-DICHLOROETHANE
 50000 UG/L 1,1-dichloroethane
 50000 UG/L TRANS-1,2-DICHLOROETHENE
 50000 UG/L CHLORDFORM
 50000 UG/L 1,2-dichloroethane
 50000 UG/L 1,1,2-trichloroethane
 50000 UG/L 1,1,2-trichloroethane
 50000 UG/L 1,2-DICHLOROPROPANE
 50000 UG/L TRANS-1,3-DICHLOROPROPENE
 50000 UG/L TRICHLOROETHENE
 50000 UG/L BENZENE
 50000 UG/L DIBROMOCHLOROMETHANE
 50000 UG/L 1,1,2-trichloroethane
 50000 UG/L CIS-1,3-DICHLOROPROPENE
 50000 UG/L 2-PHOBOROPHENYL ETHER
 50000 UG/L APOMOPOR4
 50000 UG/L 1,1,2,2-tetrachloroethane
 50000 UG/L TETRAHLOROETHENE
 95000 UG/L TOLUENE
 20000 UG/L CHLOROBENZENF
 40000 UG/L ETHYL BENZENE
 40000 UG/L M-XYLYNE
 40000 UG/L OEP-XYLENE(MIXED)

*****ANALYTICAL RESULTS*****

STORED

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REGISTRY
ATHENS GEORGIA

07/27/83 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 03C2433 SAMPLE TYPE: WNL/WL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF

SOURCE: SAAD SITE: TN

CITY: NASHVILLE STATE: TN

STATION ID: SS-SSMWS1-07

STORE STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM: REC'D BY:

SEALED:

CHEMIST: FAM

ANALYSTIC METHOD:

CASE NO.: 1652 GAG SAMPLE NO: D 2162 IANHGC SAMPLE NO.: MD 162

CONTRACT LABORATORY(ORGANIC): YEAH TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:

SAMPLE LOG VERIFIED BY: T98 SAMPLE DATA VERIFIED BY: FAY

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****ANALYTICAL RESULTS*****

| RESULTS | UNITS | COMPOUND | STOREID |
|---------|-------|---------------------------|-----------|
| 1000000 | UG/L | ACROLEIN | 34215 |
| 1000000 | UG/L | ACRYLONITRILE | 34418 |
| 500000 | UG/L | CHLOROETHANE | 34413 |
| 500000 | UG/L | BROMOETHANE | 39175 |
| 150000 | UG/L | VINYLMONOCHLORIDE | 32444-1-1 |
| 300000 | UG/L | METHYLENE CHLORIDE | 34501 |
| 310000 | UG/L | CHLOROETHANE | 34496 |
| 500000 | UG/L | 1,1-DICHLOROETHENE | 32446 |
| 500000 | UG/L | 1,1-DICHLOROETHANE | 32446-1-0 |
| 1600000 | UG/L | TRANS-1,2-DICHLOROETHENE | 32103 |
| 5000000 | UG/L | CHLOROFORM | 34690 |
| 3400000 | UG/L | 1,2-dichloroethane | 34330 |
| 5000000 | UG/L | CARBON TETRACHLORIDE | 34306 |
| 5000000 | UG/L | BROMODICHLOROPROPANE | 34514-1-4 |
| 5000000 | UG/L | TRANS-1,3-DICHLOROPROPENE | 34504 |
| 850000 | UG/L | TRICHLOROETHENE | 34301 |
| 500000 | UG/L | BENZENE | 34000 |
| 500000 | UG/L | DIAROMOCHLOROMETHANE | 34516 |
| 500000 | UG/L | 1,1'-TRICHLOROETHANE | 34516 |
| 500000 | UG/L | CIS-1,3-DICHLOROPROPENE | 34516 |
| 500000 | UG/L | 2-CHLOROETHYL VINYL ETHER | 32104 |
| 500000 | UG/L | PROPANE | 34516 |
| 500000 | UG/L | 1,1,2,2-TETRACHLOROETHANE | 34000 |
| 82000 | UG/L | TETRACHLOROETHENE | 34000 |
| 95000 | UG/L | TOLUENE | 34301 |
| 20000 | UG/L | CHLORDIBENZEN | 34301 |
| 40000 | UG/L | ETHYL BENZENE | 34301 |
| NA | UG/L | o-XYLYLENE | 34301 |
| 40000 | UG/L | O,p-XYLENE(MIXED) | 34301 |

FOOTNOTES:
*A-AVERAGE VALUE *N=NOT ANALYZED *W=INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-LABORATORY VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-CSO, REG IV
ATHENS GEORGIA

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2429 SAMPLE TYPE: MONWL

*****ANALYTICAL RESULTS*****

| RESULTS | IN: UG/L | COMPOUND NAME |
|---------|----------|-------------------------|
| 200U | | ACETONE |
| 200U | | METHYL ETHYL KETONE |
| 10U | | CARBON DISULFIDE |
| 100U | | METHYL BUTYL KETONE |
| 100U | | METHYL ISOBUTYL KETONE |
| 5U | | STYRENE |
| 10U | | VINYL ACETATE |
| NA | | DICHLORODIFLUOROMETHANE |
| 5U | | FLUOROTRICHLOROMETHANE |

PROJECT NO.: R3-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMKRS1-02
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 DPG SAMPLE NO: D 2160 INORG SAMPLE NO.: MD 160
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: FBB DATA VERIFIED BY: FAM

REMARKS
DATA SUSPCT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****FOOTNOTES***
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCE
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

| RESULTS IN: ug/l | COMPOUND NAME |
|------------------|-------------------------|
| 640 | ACETONE |
| 2000 | METHYL ETHYL KETONE |
| 100 | CARBON DISULFIDE |
| 1000 | METHYL BUTYL KETONE |
| 1000 | METHYL ISOBUTYL KETONE |
| 50 | STYRENE |
| 100 | VINYL ACETATE |
| NA | DICHLORODIFLUOROMETHANE |
| 50 | FLUOROTRICHLOROMETHANE |

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2432 SAMPLE TYPE: MCNWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-03
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 OPG SAMPLE NO: D 1445 INORG SAMPLE NO.: MD 180
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBS DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS, GEORGIA

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2428 SAMPLE TYPE: MANUAL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFM4RS1-05
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 DPG SAMPLE NO: D 2159 INOPG SAMPLE NO.: MD 182
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TSS DATA VERIFIED BY: FAM

REMARKS

DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****ANALYTICAL RESULTS*****

| RESULTS | IN: ug/l | COMPOUND NAME |
|---------|----------|-------------------------|
| 920 | | ACETONE |
| 200U | | METHYL ETHYL KETONE |
| 100U | | CARBON DISULFIDE |
| 100U | | METHYL BUTYL KETONE |
| 100U | | METHYL ISOBUTYL KETONE |
| 5U | | STYRENE |
| 10U | | VINYL ACETATE |
| NA | | DICHLORODIFLUOROMETHANE |
| 5U | | FLUOPOTRICHLOPOMETHANE |
| 20JN | | METHYLPROPANOL |
| 8JN | | METHYLPENTENE |
| 30JN | | METHYLCYCLOHEXANE |
| 10JN | | 1 UNIDENTIFIED COMPOUND |

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*****FOOTNOTES*****
*A-AVERAGE VALUE *N-NOT ANALYZED *KAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
WAIEP

SAMPLE NO.: 83C2430 SAMPLE TYPE: 40NWL

*****ANALYTICAL RESULTS*****

| RESULTS IN: UG/L | COMPOUND NAME |
|------------------|-------------------------|
| 3700 | ACETONE |
| 2000U | METHYL ETHYL KETONE |
| 100U | CARBON DISULFIDE |
| 1000U | METHYL BUTYL KETONE |
| 1000U | METHYL ISOBUTYL KETONE |
| 50U | STYRENE |
| 100U | VINYL ACETATE |
| NA | DICHLORODIFLUOROMETHANE |
| 50U | FLUOROTRICHLOROMETHANE |

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-L4MWR51-06
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 DRG SAMPLE NO.: D 2161 INDRG SAMPLE NO.: MD 161
CONTRACT LABORATORY(ORGANIC): VTEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, PEG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS IN: ug/l COMPOUND NAME
100000U ACETONE
200000U METHYL ETHYL KETONE
100000U CARBON DISULFIDE
100000U METHYL BUTYL KETONE
50000U METHYL ISOBUTYL KETONE
5000J STYRENE
10000U VINYL ACETATE
VA DICHLORODIFLUOROMETHANE
5000U FLUOROTRICHLOROETHANE

07/27/83

PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2433 SAMPLE TYPE: 40NW1

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-SSM4RS1-07
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2162 INORG SAMPLE NO.: "D" 162
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *MAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ACTUAL DETECTED VALUE.

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357

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REGION IV
ATLANTA, GEORGIA

07/27/83

FLUORCARBOLIC ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE ID #: 83C2429 SAMPLE TYPE: MANUAL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE STATE: TN
CITY: NASHVILLE STATION ID: SS-CF14RS1-02
STORAGE STATION ID:

SAMPLE COLLECTION: START DATE/TIME 04/27/83

SAMPLE COLLECTION: STOP DATE/TIME 05/06/83

COLLECTED BY: R FRANKLYN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 05/00/00
SEALED:

CHEMIST: J.S.
ANALYTICAL METHOD:

CASE NO.: 1652 DRS SAMPLE NO: D 2160 INDRS SAMPLE NU.: 160
CONTRACT LABORATORY(ORGANIC): VTEAM TECHNOLOGY
CONTRACT LABORATORY(MICROANALYTIC): CHEM TECH

REMARKS:

SAMPLE LOG VERIFIED BY: TBR DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

| RESULTS | UNITS | COMPOUND |
|---------|-------|--------------------------------------|
| NA | UG/L | N-NITROSDIMETHYLHYDRAINE |
| 400 | UG/L | 2-DIPHENYLYDRAZINE/AZOBENZENE |
| 600 | UG/L | BENZODINE |
| 200 | UG/L | 1'-4'-DICHLOROBENZENE |
| 200 | UG/L | 1,4-DICHLOROBENZENE |
| 200 | UG/L | DIS(2-CHLOROETHYL) ether |
| 200 | UG/L | HEXA(2-CHLOROISOPROPYL) ether |
| 200 | UG/L | DIS(2-CHLOROISOPROPYL) ether |
| 200 | UG/L | NITROBENZENE |
| 200 | UG/L | HEXACHLOROBUTADIENE |
| 200 | UG/L | 1,2,4-TRICHLOROBENZENE |
| 200 | UG/L | NAPHTHALENE |
| 200 | UG/L | DISOPHORONE |
| 200 | UG/L | HEXACHLOROCYCLOPENTADIENE (HCCLP) |
| 200 | UG/L | 2-CHLORONAPHTHALENE |
| 200 | UG/L | ACENAPHTHENE |
| 200 | UG/L | DIMETHYL PHTHALATE |
| 200 | UG/L | 2,4-dinitrotoluene |
| 200 | UG/L | 2,6-dinitrotoluene |
| 200 | UG/L | 4-chlorophenyl phenyl ether |
| 200 | UG/L | DIETHYL PHTHALATE |
| 200 | UG/L | HEXACHLOROPHENYL AMINE/DIPHENYLAMINE |
| 200 | UG/L | 4-nitrophenyl phenyl ether |
| 200 | UG/L | ANTHRACENE |
| 200 | UG/L | 4-bromophenyl phenyl ether |
| 200 | UG/L | DI-V-ARYLPHTHALATE |
| 200 | UG/L | FLUORANTHENE |
| 200 | UG/L | PYRENE |
| 200 | UG/L | BENZYL BUTYL PHTHALATE |
| 200 | UG/L | BIS(2-CHLOROETHYL) phthalate |
| 200 | UG/L | BENZODINE |
| 200 | UG/L | 3,3'-DICHLOROBENZIDINE |
| 200 | UG/L | DI-N-(B AND/OR K)FLUORANTHENE(TOTAL) |
| 200 | UG/L | BENZO(B AND/OR K)FLUORANTHENE(TOTAL) |
| 200 | UG/L | BENZO-A-PYRENE |
| 200 | UG/L | INDENO(1,2,3-CD) PYRENE |
| 200 | UG/L | DIBENZO(A,H)ANTHRACENE |
| 200 | UG/L | 2-CHLOROPHENOL |
| 200 | UG/L | 2-CHLOROPHENOL |
| 200 | UG/L | PHENOL |
| 200 | UG/L | 2,4-dimethylphenol |
| 200 | UG/L | 2,4-dichlorophenol |
| 200 | UG/L | 2,4,6-trichlorophenol |
| 200 | UG/L | 4-CHLORO-3-METHYLPHENOL |
| 200 | UG/L | 4,4-dinitrophenol |
| 200 | UG/L | 2,4-dinitrophenol |
| 200 | UG/L | 2,4-dinitro-4,6-dinitrophenol |
| 200 | UG/L | PENTACHLOROPHENOL |
| 200 | UG/L | 4-nitrophenol |

*****FOOTNOTES*****
*NA=NOT ANALYZED *N/A=INTERFERENCE
*A=AVERAGE VALUE *P=PRELIMINARY EVIDENCE OF PRESENCE OF MATERIAL
*J=ESTIMATED VALUE *V=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*R=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*L=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
*U=MATERIAL THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REGION IV
ATLANTA, GEORGIA

**EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET**

SAMPLE TYPE: UNKNOWN

PROJECT NO: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE STATE: TN
NAME: NASHVILLE
STATION LOCATION: SS-CFMRS1-03
TORETT STATION NO:
AMPLE COLLECTION: START DATE/TIME 04/27/83
AMPLE COLLECTION: STOP DATE/TIME 00/00/00
COLLECTED BY: P FRANKLIN
SAMPLE REC'D: DATE/TIME 00/00/00
FAILED

HEMIST: JMS
ANALYTICAL METHOD:
CASE NO.: 1652 JPS SAMPLE NO.: D 1445 INORG SAMPLE NO.: MD 180
LABORATORY(ORGANIC): 4FAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS: DATA VERIFIED BY: JWS
REMARKS: SAMPLE LOC VERIFIED BY: TWM

REMARKS

| BENZO(B AND/or K)FLUOROPHENENE (TOTAL) | BENZO(B AND/or K)FLUOROPHENENE (TOTAL) |
|--|--|
| BENZO-A-PYRENE | BENZO-A-PYRENE |
| BENZO-C(1', 2', 3')-PYRENE | BENZO-C(1', 2', 3')-PYRENE |
| INDENO-C(1', 2', 3')-PYRENE | INDENO-C(1', 2', 3')-PYRENE |
| BENZO[CHI]PERYLENE | BENZO[CHI]PERYLENE |
| 2-CHLOROPHENOL | 2-CHLOROPHENOL |
| 2'-CHLOROPHENOL | 2'-CHLOROPHENOL |
| 2'-4'-DICHLOROPHENOL | 2'-4'-DICHLOROPHENOL |
| 2'-4'-6'-TRICHLOROPHENOL | 2'-4'-6'-TRICHLOROPHENOL |
| 4'-CHLOROPHENOL | 4'-CHLOROPHENOL |
| 2'-4'-DINITROPHENOL | 2'-4'-DINITROPHENOL |
| 2-METHYLCHLOROPHENOL | 2-METHYLCHLOROPHENOL |
| PENTACHLOROPHENOL | PENTACHLOROPHENOL |
| 4'-NITROPHENOL | 4'-NITROPHENOL |

*N-A-NOT ANALYZED *N-AI-INTERFENCES
**A-AVERAGE VALUE *N-PRESUMPTIVE EVIDENCE OF PATI
*T-TEST-LIMITED VALUE *N-K LESS THAN VALUE GIVEN
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-WHAT PIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-LS-D REG IV
ATHENS, GEORGIA

**EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER**

SAMPLE TYPE: WUNL
NAME : 8332428

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE STATE: TN
CITY: NASHVILLE
COLLECTION STATION NUMBER: SS-CFMARS1-05
SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00
COLLECTED BY: R FRANKLIN RECEIVED FROM: REC'D BY:
SAMPLE REC'D: DATE/TIME 30/00/00
SEALED:

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CASE NO.: 1052 DPG SAMPLE NO.: D 2159 IMPREG SAMPLE NO.: MD 182
CONTRACT LABORATORY (ORGANIC): HEAD TECHNOLOGY
CONTRACT LABORATORY (INORGANIC):

REMARK:

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DATA - SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

1. **NAME**
2. **ADDRESS**
3. **CITY**
4. **STATE**
5. **ZIP CODE**

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*FOOTNOTES

*-ESTIMATED VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
**-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
**-MATERIAL WAS ANALYZED FOR EQUITABLE
THE MINIMUM DETECTION LIMIT.

RESULTS

| COMPOUND | UNITS |
|-------------------------------------|-------|
| N-NITRODIDI-METHYLAMINE | UG/L |
| N,N-DI-METHYLHYDRAZINE/AZOBENZENE | UG/L |
| 1,4-DIBENZO-1,3-DIOXINE | UG/L |
| 1,4-DICHLOROBENZENE | UG/L |
| 1-(2-CHLOROETHYL) ether | UG/L |
| BENZALCHLOROETHANE | UG/L |
| DIMERIC 2-CHLOROISOPROPYL ether | UG/L |
| DINITROBENZENE | UG/L |
| HEXA-CHLOROBUTADIENE | UG/L |
| HEXA-CHLOROBENZENE | UG/L |
| 1,2,4-TRICHLOROBENZENE | UG/L |
| 1,2,4-TRICHLOROETHANE | UG/L |
| METHANE | UG/L |
| ISOPHORONE | UG/L |
| HEXA-CHLOROCYCLOPENTADIENE (HCCP) | UG/L |
| 2-CHLORO-1,3-PHENYLENE | UG/L |
| ACENAPHTHENONE | UG/L |
| ACENAPHTHENE | UG/L |
| DIVINYL PHTHALATE | UG/L |
| 2',4-dinitrotoluene | UG/L |
| 2',6-dinitrotoluene | UG/L |
| 4-chlorophenyl phenyl ether | UG/L |
| FLUORENE | UG/L |
| DIELTHYL PHTHALATE | UG/L |
| N,N-NITRODIPHENYLAMINE/DIPHENYLA | UG/L |
| HEXA-CHLOROBENZENE (HCB) | UG/L |
| 4-(BUTOXYMETHYL) phenyl ether | UG/L |
| PHENANTHRENE | UG/L |
| ANTHRACENE | UG/L |
| DI- <i>n</i> -BUTYL PHTHALATE | UG/L |
| FLUORANTHENE | UG/L |
| PYRENE | UG/L |
| BENZYL BUTYL PHTHALATE | UG/L |
| BIS(2- <i>ethylhexyl)ANTHRACENE</i> | UG/L |
| BENZO[<i>c</i>]ANTHRACENE | UG/L |
| 3,4-DICHLOROPHENIDINE | UG/L |
| DICYANOPHTHALATE | UG/L |
| BENZO[<i>b</i>]FLUORANTHENE (TO) | UG/L |
| BENZO[<i>a</i>]FLUORANTHENE (TO) | UG/L |
| BENZO-A-PYRENE | UG/L |
| TNDENO [(1,2,3-CD) PYRENE | UG/L |
| BENZO[GHI]ANTHRACENE | UG/L |
| BENZO[GHI]PERYLENE | UG/L |
| 2-chlorophenol | UG/L |
| 1,1,1-trifluorophenol | UG/L |
| 2-PHENOL | UG/L |
| 2,4-dimethylphenol | UG/L |
| 2,4-dichlorophenol | UG/L |
| 2,4,6-trichlorophenol | UG/L |
| 2,4,4'-METHYL-4,6-DIVINYLOPHENOL | UG/L |
| 4,4'-METHYL-4,6-DIVINYLOPHENOL | UG/L |
| 4,4'-METHYL-4,6-DIVINYLOPHENOL | UG/L |

*FOOTNOTES**
 *A-AVERAGE VALUE
 *J-ESTIMATED VALUE
 *N-ACTUAL VALUE
 *L-ACTUAL VALUE
 *FU-MATERIAL WAS ANALYZED FOR JU
 THE MINIMUM DETECTION LIMIT.

*VA-NOT ANALYZED
 *NI-INTERFERENCE
 *P-PRESUMPTIVE EVIDENCE OF PARENTEAL
 *K-KNOWN TO BE LESS THAN VALUE GIVEN
 *G-KNOWN TO BE GREATER THAN VALUE GIVEN
 *D-KNOWN TO BE EQUAL TO VALUE GIVEN
 *T-THE NUMBER IS

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

ATHENS, GEORGIA

07/27/83

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET

WATER

SAMPLE NO.: 83C2430 SAMPLE TYPE: 4CNML

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
 SOURCE: SAI& SITE: STATE: TN
 CITY: NASHVILLE STATION ID: SS-LNUWRS1-06
 STORET STATION #: 1

SAMPLE COLLECTION: START DATE/TIME 04/27/83
 SAMPLE COLLECTION: STOP DATE/TIME 00/00/00
 COLLECTED BY: R FRANKLIN RECEIVED FROM: REC'D BY:
 SAMPLE REC'D: DATE/TIME 00/00/00
 SEALED:

CHEMIST: JMS

ANALYTICAL METHOD: CASE NO.: 1652 JRS SAMPLE NO.: D 2161 INORG SAMPLE NO.: MD 161

CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
 CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:

REMARK: SAMPLE LOG VERIFIED BY: reb DATA VERIFIED BY: JMS

REMARKS DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****FOOTNOTES*****
 *A-AVERAGE VALUE *A-NOT ANALYZED *N/A-INTERFERENCES
 *J-ESTIMATED VALUE *K-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

| RESULTS | UNITS | COMPOUND | STORED |
|---------|-------|--------------------------------------|--------|
| NA | UG/L | N-NITROSO DIMETHYLAMINE | 34438 |
| 80000 | UG/L | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE | 34396 |
| 20000 | UG/L | BENZIDINE | 34320 |
| 20000 | UG/L | 1,3-DI-CHLOROBENZENE | 45714 |
| 20000 | UG/L | 1,4-DI-CHLOROBENZENE | 45366 |
| 20000 | UG/L | 2-dichlorobenzene | 45336 |
| 20000 | UG/L | bis(2-chloroethyl) ether | 42733 |
| 20000 | UG/L | HEXA-HYDROETHANE | 42733 |
| 20000 | UG/L | bis(2-chloroethyl) isopropylamine | 42733 |
| 20000 | UG/L | N-NITROSO-DIMETHYLAMINE | 42733 |
| 20000 | UG/L | HEXACHLOROBUTADIENE | 42733 |
| 20000 | UG/L | 1,2,4-trichlorobenzene | 42733 |
| 20000 | UG/L | ISOPHORONE | 42733 |
| 20000 | UG/L | HEXACHLOROCYCLOPENTADIENE (HCCP) | 42733 |
| 20000 | UG/L | 2-Chloronaphthalene | 42733 |
| 20000 | UG/L | ACENAPHTHYLENE | 42733 |
| 20000 | UG/L | ACENAPHTHENE | 42733 |
| 20000 | UG/L | DIMETHYL PHTHALATE | 42733 |
| 20000 | UG/L | 2,4-dinitrotoluene | 42733 |
| 20000 | UG/L | 2,6-dinitrotoluene | 42733 |
| 20000 | UG/L | 4-chlorophenyl phenyl ether | 42733 |
| 20000 | UG/L | FLUORENE | 42733 |
| 20000 | UG/L | DIETHYL PHTHALATE | 42733 |
| 20000 | UG/L | N-NITROSONOPHENYLAMINE/DIPHENYLMINE | 42733 |
| 20000 | UG/L | 4-BROMOCHLOROBENZENE (HCB) | 42733 |
| 20000 | UG/L | PHENANTHRENENE | 42733 |
| 20000 | UG/L | ANTHRACENE | 42733 |
| 20000 | UG/L | DI- <i>n</i> -butylphthalate | 42733 |
| 20000 | UG/L | FLUORANTHENE | 42733 |
| 20000 | UG/L | PYRENE | 42733 |
| 20000 | UG/L | UG/L BUTYL PHTHALATE | 42733 |
| 20000 | UG/L | bis(2-ethylhexyl) phthalate | 42733 |
| 20000 | UG/L | UG/L (ANTHRACENE | 42733 |
| 20000 | UG/L | CHRYSENE | 42733 |
| 20000 | UG/L | 3,3-dichlorobenzidine | 42733 |
| 20000 | UG/L | 6,6'-DICHLOROPHTHALATE | 42733 |
| 20000 | UG/L | BENZO(B AND/OR K)FLUORANTHENE(TOTAL) | 42733 |
| 20000 | UG/L | BENZO(B AND/OR K)FLUORANTHENE(TOTAL) | 42733 |
| 20000 | UG/L | RENZO(B AND/OR K)FLUORANTHENE(TOTAL) | 42733 |
| 20000 | UG/L | RENZO-A-PYRENE | 42733 |
| 20000 | UG/L | INDENO(1,2,3-CD) PYRENE | 42733 |
| 20000 | UG/L | DIBENZO(A,H)ANTHRACENE | 42733 |
| 20000 | UG/L | DIBENZO(A,H)PERYLENE | 42733 |
| 20000 | UG/L | 2-Chlorophenol | 42733 |
| 20000 | UG/L | 2-nitrophenol | 42733 |
| 10000 | UG/L | PHENOL | 45861 |
| 10000 | UG/L | 2,4-dimethylphenol | 45861 |
| 10000 | UG/L | 2,4-dichlorophenol | 45861 |
| 10000 | UG/L | 2,4,6-trichlorophenol | 45861 |
| 50000 | UG/L | 4-CHLORO-3-METHYLPHENOL | 45861 |
| 20000 | UG/L | 2,4-dinitrophenol | 45861 |
| 20000 | UG/L | 2-METHYL-4,6-DINITROPHENOL | 45861 |
| 10000 | UG/L | PENTACHLOROPHENOL | 45861 |
| 34646 | | | |

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REG IV
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2433 SAMPLE TYPE: 4CNW

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE STATE: TN
CITY: NASHVILLE
STATION ID: SS-SS44RS1-07
SAMPLE COLLECTION: START DATE/TIME 04/27/83
STOP DATE/TIME 06/00/00
COLLECTED BY: R FRANKLIN RECEIVED FROM: EY:
SAMPLE REC'D: DATE/TIME 00/00/00
SEALED:

CHEMIST: JMS ANALYTICAL METHOD:

CASE NO.: 1652 CPG SAMPLE NO.: D 2162 INORG SAMPLE NO.: MD 162
CONTRACT LABORATORY(ORGANIC): WEAIR TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JWS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****ANALYTICAL RESULTS*****

| RESULTS | UNITS | COMPOUND | STORED |
|---------|-------|--|--------|
| KA | UG/L | N-NITROSODIMETHYLAMINE | 34478 |
| 80U | UG/L | 1,2-DIPHENYLHYDRAZINE/AZOBENZENE | 34346 |
| 160U | UG/L | BENZIDINE | 349126 |
| 40U | UG/L | 1,3-DICHLOROBENZENE | 344560 |
| 40U | UG/L | 1,4-DICHLOROBENZENE | 344571 |
| 40U | UG/L | DIBIS(2-CHLOROETHYL) ether | 344576 |
| 40U | UG/L | HEXA(2-CHLOROISOPROPYL) ether | 344579 |
| 40U | UG/L | DIBIS(2-CHLORODI-N-PROPYL)amine | 344580 |
| 80U | UG/L | N-NITROSOBUTADIENE | 344581 |
| 40U | UG/L | 1,2,4-TRICHLOROBENZENE | 344582 |
| 130 | UG/L | NAPHTHALENE | 344278 |
| 80U | UG/L | BIS(2-CHLOROETHoxy) methane | 344088 |
| 40U | UG/L | ACENAPHTHENE | 344205 |
| 40U | UG/L | DIMETHYL BHTHALATE | 344341 |
| 40U | UG/L | ACENAPHTHYLENE | 344611 |
| 80U | UG/L | 2,4-dinitrotoluene | 344626 |
| 80U | UG/L | 2,6-dinitrotoluene | 344641 |
| 40U | UG/L | 4-chlorophenyl phenyl ether | 344336 |
| 40U | UG/L | DIETHYL PHTHALATE | 344337 |
| 40U | UG/L | N-NITROSDIPHENYLAMINE/DIPHENYLAMINE | 344338 |
| 40U | UG/L | HEXA(2-CHLOROBENZENE (HCB)) | 344339 |
| 40U | UG/L | 4-bromotoluene phenyl ether | 344636 |
| 40U | UG/L | PHENANTHRENE | 344640 |
| 40U | UG/L | DL-BUTYL PHTHALATE | 344710 |
| 40U | UG/L | PYRENE | 344469 |
| 40U | UG/L | BENZYL BUTYL PHTHALATE | 344292 |
| 40U | UG/L | BIS(2-ETHYLHEXYL) phtalate | 345100 |
| 40U | UG/L | CHRYSENE | 345220 |
| 60U | UG/L | 3,3'-DICHLOROBENZIDINE | 34531 |
| 60U | UG/L | DL-4-(1,4-DICHLOROBENZYL)BHTHALATE | 34536 |
| 60U | UG/L | BENZO(a,b AND/or k)FLUORANTHENE(TOTAL) | 34596 |
| - | UG/L | BENZO(a AND/or k)FLUORANTHENE(TOTAL) | 34596 |
| - | UG/L | BENZO(a-b-PIRENE | 34247 |
| ACU | UG/L | INDEN-1(1,2,3-CD) PYRENE | 34403 |
| 80U | UG/L | DIRENE-20(AH)ANTHRACENE | 34556 |
| 80U | UG/L | BENZO(g,h)PERYLENE | 34521 |
| 20U | UG/L | 2-CNLOOPHENOL | 34586 |
| 40U | UG/L | 2-CNLOOPHENOL | 34591 |
| 240 | UG/L | PHENOL | 34694 |
| 78 | UG/L | 2,4-dimethylphenol | 34606 |
| 20U | UG/L | 2,4-dichlorobiphenol | 34601 |
| 40U | UG/L | 2,4,6-trichlorotoluene | 34621 |
| 100U | UG/L | 2,4,6-trichlorophenol | 34452 |
| 40U | UG/L | 2,4-dinitrophenol | 34616 |
| 200U | UG/L | 2,4-METHYL-4,6-DINITROPHENOL | 34667 |
| 200U | UG/L | PENTACHLOROPHENOL | 34632 |
| | UG/L | 4-nitrophenol | 34636 |

*****FOOTNOTES***

*A= AVERAGE VALUE *N= NOT ANALYZED *N= IN-PRECENCE OF MATERIAL
*J= ESTIMATED VALUE *N= PRESUMPTIVE VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*K= ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*L= ACTUAL VALUE IS KNOWN TO BE UNKNOWN
*U= ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD/PEG IV
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2431 SAMPLE TYPE: 40NWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CF4WRS1-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 DRG SAMPLE NO: D 1412 INDRG SAMPLE NO.: MD 183
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****ANALYTICAL RESULTS*****

| RESULTS | IN: ug/l | COMPOUND NAME |
|---------|----------|-----------------------------|
| 200U | | BENZOIC ACID |
| 200U | | 2-METHYLPHENOL |
| 200U | | 4-METHYLPHENOL |
| 200U | | 2,4,5-TRICHLOROPHENOL |
| 200U | | ANILINE |
| 400U | | BENZYL ALCOHOL |
| 100U | | 4-CHLOROANILINE |
| 200U | | DIHENZOFURAN |
| 400U | | 2-METHYL NAPHTHALENE |
| 200U | | 2-NITROANILINE |
| 200U | | 3-NITROANILINE |
| 200U | | 4-NITROANILINE |
| 500JN | | 7 UNIDENTIFIED COMPOUNDS |
| 80JN | | C2 ALKYLBENZENE (2 ISOMERS) |
| 60JN | | C3 ALKYLBENZENE (2 ISOMERS) |
| 30JN | | C4 ALKYLBENZENE (2 ISOMERS) |

*****FOOTNOTES*****
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2427 SAMPLE TYPE: AMBWA

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CSRS1-01W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R. FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE, /TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1R52 ORG SAMPLE NO: D 2133 INORG SAMPLE NO.: MD 125
CONTRACT LABORATORY(ORGANIC): VTECH TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: fbb DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****ANALYTICAL RESULTS*****

| RESULTS IN: UG/L | COMPOUND NAME |
|------------------|-----------------------|
| 2000 | BENZOIC ACID |
| 200 | 2-METHYLPHENOL |
| 200 | 4-METHYLPHENOL |
| 2000 | 2,4,5-TRICHLOROPHENOL |
| 200 | ANILINE |
| 400 | BENZYL ALCOHOL |
| 1000 | 4-CHLOROANILINE |
| 200 | DIBENZOFURAN |
| 400 | 2-METHYL NAPHTHALENE |
| 2000 | 2-NITROANILINE |
| 2000 | 3-NITROANILINE |
| 2000 | 4-NITROANILINE |

*****FOOTNOTES*****
*A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCE
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REC IV
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2432 SAMPLE TYPE: MNWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE STATE: TN

STATION I.D.: SS-CFMWRS1-03
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE: / TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 DRG SAMPLE NO: D 1445 INORG SAMPLE NO.: MD 180
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****ANALYTICAL RESULTS*****

| RESULTS | IN: UG/L | COMPOUND NAME |
|---------|----------|-----------------------|
| 200U | | BENZOIC ACID |
| 200U | | 2-METHYLPHENOL |
| 200U | | 4-METHYLPHENOL |
| 200U | | 2,4,5-TRICHLOROPHENOL |
| 200U | | ANILINE |
| 400 | | BENZYL ALCOHOL |
| 100U | | 4-CHLOROANILINE |
| 200U | | DIBENZOFURAN |
| 400 | | 2-METHYL NAPHTHALENE |
| 200U | | 2-NITROANILINE |
| 200U | | 3-NITROANILINE |
| 200U | | 4-NITROANILINE |
| 20JN | | C2 ALKYLNAPHTHALENE |
| 30JN | | C3 ALKYLNAPHTHALENE |
| N | | PETROLEUM PRODUCT |

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *AI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REC IV
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2434 SAMPLE TYPE: 40NWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-04
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:

ANALYTICAL METHOD:

CASE NO.: 1652 DRG SAMPLE NO: D 2207 INDRG SAMPLE NO.: MD 0
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC):

REMARK:

REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****ANALYTICAL RESULTS*****

| RESULTS IN: ug/l | COMPOUND NAME |
|------------------|-----------------------|
| 200U | BENZOIC ACID |
| 200U | 2-METHYLPHENOL |
| 200U | 4-METHYLPHENOL |
| 200U | 2,4,5-TRICHLOROPHENOL |
| 200U | ANILINE |
| 400U | BENZYL ALCOHOL |
| 100U | 4-CHLOROANILINE |
| 200U | DIBENZOFURAN |
| 400U | 2-METHYL NAPHTHALENE |
| 200U | 2-NITROANILINE |
| 200U | 3-NITROANILINE |
| 200U | 4-NITROANILINE |
| N | PETROLEUM PRODUCT |

*****FOOTNOTES***
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REC IV
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2428 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE STATE: TN
CITY: NASHVILLE

STATION I.D.: SS-CFWRS1-05
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMISTS:
ANALYTICAL METHOD:

CASE NO.: 1052 DRG SAMPLE NO: D 2159 INDRG SAMPLE NO.: MD 182
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBS DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****ANALYTICAL RESULTS*****

| RESULTS IN: UG/L | COMPOUND NAME |
|------------------|--------------------------------|
| 200U | BENZOIC ACID |
| 200U | 2-METHYLPHENOL |
| 200U | 4-METHYLPHENOL |
| 200U | 2,4,5-TRICHLOROPHENOL |
| 200U | ANILINE |
| 40U | BENZYL ALCOHOL |
| 100U | 4-CHLOROANILINE |
| 200U | DIBENZOFURAN |
| 40U | 2-METHYL NAPHTHALENE |
| 200U | 2-NITROANILINE |
| 200U | 3-NITROANILINE |
| 200U | 4-NITROANILINE |
| 90JN | C4 ALKYL BENZOIC ACID |
| 40JN | PHOSPHORIC ACID TRIBUTYL ESTER |
| 200JN | 6 UNIDENTIFIED COMPOUNDS |

*****FOOTNOTES*****
*A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCES
*J-ESTIMATED VALUE *V-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REG IV
ATHENS GEORGIA

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2430 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAPO SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-LNMWS1-06
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 DRG SAMPLE NO: D 2161 INDRG SAMPLE NO.: MD 161
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****ANALYTICAL RESULTS*****

| RESULTS | IN: UG/L | COMPOUND NAME |
|---------|----------|--------------------------------|
| 10000U | | BENZOIC ACID |
| 1000U | | 2-METHYLPHENOL |
| 1000U | | 4-METHYLPHENOL |
| 10000U | | 2,4,5-TRICHLOROPHENOL |
| 2000U | | ANILINE |
| 4000U | | BENZYL ALCOHOL |
| 10000U | | 4-CHLOROANILINE |
| 2000U | | DOBENZOFURAN |
| 1900J | | 2-METHYL NAPHTHALENE |
| 20000U | | 2-NITROANILINE |
| 20000U | | 3-NITROANILINE |
| 20000U | | 4-NITROANILINE |
| 2000JN | | 1-METHYLNAPHTHALENE |
| 5000JN | | C2 ALKYNAPHTHALENE (2 ISOMERS) |
| N | | PETROLEUM PRODUCT |

*****FOOTNOTES***
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE "MINIMUM DETECTION LIMIT."

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD, REG IV
ATHENS GEORGIA

07/25/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2406 SAMPLE TYPE: MONWL

PROJECT NO.: 83-1400 PROGRAM ELEMENTS: NSF
SOURCE: SA&O SITE
CITY: NASHVILLE STATE: TN

STATION ID: SS-SSMW-R51-07
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/28/83 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM: R FRANKLIN
SAMPLE RECEIPT DATE/TIME 04/29/83 1017 REC'D BY: S DUTTON
SEALED: YES

CHEMIST:
ANALYTICAL METHODS:

REMARK: SAMPLE A MIXTURE OF OIL & WATER, EXTRACTABLES &
REMARK: PEST., OIL ANALYZED. VOA & METALS, WATER ANALYZED.

SAMPLE LOG VERIFIED BY: TBS DATA VERIFIED BY: DGR

REMARKS

*****ANALYTICAL RESULTS*****

| RESULTS IN: ug/l | COMPOUND NAME |
|------------------|-----------------------------------|
| 500000JN | C3 ALKYLBENZENE (4 ISOMERS) |
| 500000JN | C4 ALKYLBENZENE (4 ISOMERS) |
| 500000JN | C5 ALKYLBENZENE (2 ISOMERS) |
| 500000JN | C2 ALKYLPHENOL (NOT 2,4 DIMETHYL) |
| 500000JN | METHYLNAPHTHALENE |
| 500000JN | C2 ALKYLNAPHTHALENE (3 ISOMERS) |
| 500000JN | C3 ALKYLNAPHTHALENE (2 ISOMERS) |
| 1E+06JN | PHOSPHORIC ACID, TRIBUTYL ESTER |
| 500000JN | HEXADECANOIC ACID |
| 500000JN | PHOSPHORIC ACID, TRIPHENYL ESTER |
| N | PETROLEUM PRODUCT |

*****FOOTNOTES*****
 *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
 *J-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
 *D-MATERIAL WAS ANALYZED BUT NOT DETECTED, THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPATE-ESD REG IV
ATHENS GEORGIA

DATA REPORTING SHEET
MATERIAL
7/7/83 PESTICIDES/PCBS AND OTHER CHLORINATED COMPOUNDS

SAMPLE TYPE: 4UCL
SAMPLE ID: B3C231

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAO SITE STATE: TN
CITY: NASHVILLE

STATION ID: SS-CFMARS1-01
STORE STATION ID: C:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 06/00/00
COLLECTED BY: K FRANKLIN RECEIVED FROM: D BY:
SAMPLE REC'D: DATE/TIME 00/00/00
SEALED:

CASE NO.: 1652 JRG SAMPLE NO.: D 1412 INORG SAMPLE NO.:
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

• 200

REMARK: SAMPLE LOG VERIFIED BY: 100 DATA VERIFIED BY: EHH

REMARKS
DATA SUBJECT BASED ON QUALITY CONTROL USE FOR "SCREENING"

***** ANALYTICAL RESULTS *****

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* * * * * FOOTNOTES--
 1: AVERAGE VALUE
 2: ESTIMATED VALUE
 3: ACTUAL VALUE
 4: MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.
 5: WHEN NO VALUE IS DETERMINED, LIMIT IS REPORTED.
 6: SEE CHLORDANE CONSTITUENTS.
 7: CONSTITUENTS OF TECHNICAL CHLORDANE.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REG IV
ATHENS GEORGIA

1/21/03 PESTICIDES/PCR'S AND OTHER CHLORINATED COMPOUNDS DATA REPORTING SHEET
WATER

RESULTS

REMARKS***
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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FOOTNOTES
 *A-AVERAGE VALUE *X-NOT ANALYZED *N-INTERFERENCE OF MATERIAL
 *J-ESTIMATED VALUE *Y-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *K-ACUTAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *L-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 1. WHEN THE MAXIMUM DETECTION LIMIT IS REPORTED.
 2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
GAPEESD REGIV
ATHENS GEORGIA
07/27/93 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2434 SAMPLE TYPE: 4CNML

PROJECT NO: 93-140 PROGRAM ELEMENT: NSR
 SOURCE: SAID SITE STATE: TN
 CITY: NASHVILLE STATE: TN
 STATION ID: SS-CFMARS1-04
 STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/93
 SAMPLE COLLECTION: STOP DATE/TIME 06/06/00
 COLLECTED BY: R FRANKLIN RECEIVED FROM: REC'D BY:
 SAMPLE REC'D: DATE/PIV 00/00/00
 SEALED: 0-02U

CHEMIST: CHH ANALYTICAL METHOD:

CASE NO.: 1652 CEG SAMPLE NO.: D 2207 INORG SAMPLE NO.: 4D
 CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY
 CONTRACT LABORATORY(INORGANIC):

REMARKS:

SAMPLE LOG VERIFIED BY: TEE DATA VERIFIED BY: CHH
 REMARKS
 DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

***** ANALYTICAL RESULTS *****

| RESULTS | UNITS | COMPOUND | STORET |
|---------|-------|------------------------------------|--------|
| 0.1U | UG/L | ALDRIN | 39330 |
| 0.1U | UG/L | HEPTACHLOR | 39410 |
| 0.1U | UG/L | HEPTACHLOR EPOXIDE | 39420 |
| 0.1U | UG/L | ALPHA-BHC | 39337 |
| 0.1U | UG/L | BETA-BHC | 39338 |
| 0.1U | UG/L | CAM'A-BHC (LINDANE) | 39340 |
| 0.1U | UG/L | DELTA-BHC | 394259 |
| 0.1U | UG/L | ENDOSULFAN I (ALPHA) | 39380 |
| 0.1U | UG/L | DIELDRIN | 39390 |
| 0.1U | UG/L | 4,4'-DDT (P,P'-DDT) | 39390 |
| 0.1U | UG/L | 4,4'-DDDE (P,P'-DDDE) | 39390 |
| 0.1U | UG/L | ENDOSULFAN II (CRETA) | 394356 |
| 0.1U | UG/L | ENDOSULFAN SULFATE (TECH. MIXTURE) | 39350 |
| 0.1U | UG/L | CHLORDANE (AROCUTOR 1242) | 39496 |
| 0.1U | UG/L | PCB-1242 (AROCUTOR 1254) | 39504 |
| 0.1U | UG/L | PCB-1221 (AROCUTOR 1221) | 39488 |
| 0.1U | UG/L | PCB-1232 (AROCUTOR 1232) | 39492 |
| 0.1U | UG/L | PCB-1248 (AROCUTOR 1248) | 39500 |
| 0.1U | UG/L | PCB-1260 (AROCUTOR 1260) | 39508 |
| 0.1U | UG/L | PCB-1016 (AROCUTOR 1016) | 394671 |
| 0.1U | UG/L | TOXA-PHENYL ALDEHYDE | 39400 |
| 0.1U | UG/L | ENDRIN ALDEHYDE | 34369 |
| 0.1U | UG/L | TCD(COXIN) | 77864 |
| 0.1U | UG/L | CHLOH DENE /2 | 34675 |
| 0.1U | UG/L | ALPHA-CHLORDENE /2 | 34675 |
| 0.1U | UG/L | GAMMA-CHLORDENE /2 | 39810 |
| 0.1U | UG/L | 1-HYDROXYCHLORDENE /2 | 39071 |
| 0.1U | UG/L | TRANS-NONACHLOR /2 | 39348 |
| 0.1U | UG/L | ALPHA-CHLORDANE /2 | 39068 |
| 0.1U | UG/L | CIS-NONACHLOR /2 | 39480 |
| NA | UG/L | METHOXYCHLOR | |

***** FOOTNOTES *****

- *A-AVERAGE VALUE
- *N=NOT ANALYZED
- *I=INTERFERENCE
- *J=ESTIMATED VALUE
- *K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- *U=VALUE WAS ANALYZED FOR BUT NOT DETECTED.
- *M=THE MINIMUM DETECTION LIMIT
- 1: WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
- 2: CONSTITUENTS OF TECHNICAL CHLORDANE.

**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REG IV
ATLANTA, GEORGIA**

7/27/83 PESTICIDES/PCBS AND OTHER CHLORINATED COMPOUNDS DATA REPORTING SHEET

RESULTS

SAMPLE LOG VERIFIED BY: TSB DATA VERIFIED BY: CHH
REMARKS--
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

FOOTNOTES. *N-AVERAGE VALUE *N-A "NOT ANALYZED" *N-A-INTERFERENCES
 **J-ESTIMATED VALUE **J-RESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 **K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 **U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT
 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
 2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REG IV
ATHENS GEORGIA
07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2433 SAMPLE TYPE: 40NNW

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF

SOURCE: SAID SITE STATE: TN

CITY: NASHVILLE

STATION STATION NO.:

STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: E FRAYKIN RECEIVED FROM: REC'D BY:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: CMM ANALYTICAL METHOD:

CASE NO.: 1652 DRG SAMPLE NO.: D 2162 INORG SAMPLE NO.: MD 102
CONTRACT LABORATORY(ORGANIC): HEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH
REMARK:

SAMPLE LOG VERIFIED BY: FBB DATA VERIFIED BY: CMM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

*****ANALYTICAL RESULTS*****

| RESULTS | UNITS | COMPOUND | |
|---------|-------|----------------------------|-----------------|
| 0.10 | UG/L | ALDRIN | STORET 39330 |
| 0.10 | UG/L | HEPTACHLOR | 39410 |
| 0.10 | UG/L | HEPTACHLOR EPoxide | 39420 |
| 0.10 | UG/L | ALPHA-BHC | 39337 |
| 0.10 | UG/L | BETA-BHC | 39338 |
| 0.10 | UG/L | DELTA-BHC | 39340 |
| 0.10 | UG/L | GAmma-BHC (LINDANE) | 34259 |
| 0.10 | UG/L | ENDOSULFAN I (ALPHA) | 34261 |
| 0.10 | UG/L | ENDOSULFAN II (BETA) | 39380 |
| 0.10 | UG/L | DIETRIN | 39320 |
| 0.10 | UG/L | 4,4'-DDT (P,P'-DDT) | 39310 |
| 0.10 | UG/L | 4,4'-DDE (P,P'-DDE) | 39310 |
| 0.10 | UG/L | 4,4'-DDD (P,P'-DDD) | 39310 |
| 0.10 | UG/L | ENDRIN | 39390 |
| 0.10 | UG/L | ENDOSULFAN SULFATE | 34356 |
| 0.10 | UG/L | CHLORDANE (TECH. MIXTURE) | 34351 |
| 0.10 | UG/L | PCB-1242 (AROCIOL 1242) | 39350 |
| 0.10 | UG/L | PCB-1254 (AROCIOL 1254) | 39504 |
| 0.10 | UG/L | PCB-1251 (AROCIOL 1251) | 39568 |
| 0.10 | UG/L | PCB-1232 (AROCIOL 1232) | 39492 |
| 0.10 | UG/L | PCB-1248 (AROCIOL 1248) | 39500 |
| 0.10 | UG/L | PCB-1260 (AROCIOL 1260) | 39508 |
| 0.10 | UG/L | PCB-1016 (AROCIOL 1016) | 39471 |
| 0.10 | UG/L | TOXAPHENE | 39400 |
| 0.10 | UG/L | ENDRIN ALDOHYDE | 34366 |
| 0.10 | UG/L | TCDD/TCDD TOXIN | 34675 |
| 0.10 | UG/L | CHLORDENE /2 | 7884 |
| 0.10 | UG/L | ALPHA-CHLORDENE /2 | |
| 0.10 | UG/L | GAMMA-CHLORDENE /2 | |
| 0.10 | UG/L | 1-HYDROXYCHLORDENE /2 | |
| 0.10 | UG/L | GAMMA-CHLORDANE /2 | 39810 |
| 0.10 | UG/L | THAPS-NONACHLOR /2 | 39071 |
| 0.10 | UG/L | ALPHA-CHLORDANE /2 | 39348 |
| 0.10 | UG/L | CIS-NONACHLOR METHOXYCHLOR | 39068 |
| 0.10 | UG/L | | 39480 |
| NA | NA | | |

*****FOOTNOTES*****

*A-AVERAGE VALUE *NA-NOT ANALYZED *N/A-INTERFERENCE
*J-ESTIMATED VALUE IN-PRESUMED EVIDENCE OF PRESENCE OF MATERIAL.

*U-MATERIAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTED BY LIMIT OF DETECTION.

1- WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2- CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPAT-ESD PEGIV
ATHENS, GEORGIA

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2406 SAMPLE TYPE: UNKNOWN

PROJECT NO.: 83-1400 PROGRAM ELEMENT: NSF
SOURCE: SAID SITE STATE: TN
STATION ID: SS-SS4W-RS1-07
STATION STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 04/28/83 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM: R FRANKLIN
SAMPLE REC'D: DATE/TIME 04/29/83 1017 REC'D BY: S DURRON

CHEMIST: HLR
ANALYTICAL METHOD:

REMARK: SAMPLE A MIXTURE OF OIL & WATER; EXTRACTABLES.
REMARK: PEST./OIL ANALYZED. VIA & METALS, WATER ANALYZED.

SAMPLE LOG VERIFIED BY: TBS DATA VERIFIED BY: HLR

REMARKS

*****ANALYTICAL RESULTS*****

| RESULTS | UNITS | COMPOUND | |
|---------|-------|---------------------------------------|--|
| 5000U | UG/L | ALDRIN | |
| 5000U | UG/L | HEPTACHLOR EPOXIDE | |
| 5000U | UG/L | ALPHA-BHC | |
| 5000U | UG/L | BETA-BHC | |
| 5000U | UG/L | GAMMA-BHC (LINDANE) | |
| 5000U | UG/L | DELTA-BHC | |
| 5000U | UG/L | ENDOSULFAN I (ALPHA) | |
| 2000U | UG/L | DIELDRIN | |
| 2000U | UG/L | 4,4'-DDT (P,P'-DDT) | |
| 2000U | UG/L | 4,4'-DDD (P,P'-DDD) | |
| 4000U | UG/L | ENDRIN | |
| 4000U | UG/L | ENDOSULFAN III (RETA) | |
| 4000U | UG/L | ENDOSULFAN SULFATE (TECH. 41XTURE) /1 | |
| 6000U | UG/L | CHLORODRIN | |
| 30000U | UG/L | PCB-1242 (AROCIOL 1242) | |
| 30000U | UG/L | PCB-1254 (AROCIOL 1254) | |
| 30000U | UG/L | PCB-1261 (AROCIOL 1261) | |
| 30000U | UG/L | PCB-1272 (AROCIOL 1272) | |
| 35000U | UG/L | PCB-1248 (AROCIOL 1248) | |
| 30000U | UG/L | PCB-1260 (AROCIOL 1260) | |
| 30000U | UG/L | PCB-1016 (AROCIOL 1016) | |
| 7000U | UG/L | ENDRIL ALDEHYDE | |
| 6000U | UG/L | TCD(LOXIN) | |
| -- | UG/L | CHLORODRINE /2 | |
| -- | UG/L | ALPHA-CHLORDENE /2 | |
| -- | UG/L | GAMMA-CHLORDENE /2 | |
| -- | UG/L | 1-HYDROXYCHLORDENE /2 | |
| -- | UG/L | GAAMA-CHLORDANE /2 | |
| -- | UG/L | TRANS-NONACHLOR /2 | |
| -- | UG/L | ALPHA-CHLORDANE /2 | |
| -- | UG/L | CIS-NONACHLOR /2 | |
| 1000U | UG/L | METHOXICHLOR | |

*****FOOTNOTES*****

*NA=NOT ANALYZED *NAI=INTERFERENCES

*A=AVERAGE VALUE *A-N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

*J=ESTIMATED VALUE *J-N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

*U=NOT ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

THE MINIMUM DETECTION LIMIT FOR THIS CONSTITUENT.

1. WHEN '0' VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG'D
ATHENS, GEORGIA

07/20/03

DATA REPORTING SHEET
METALS REPORT-WATER

SAMPLE NO. I 83C2435 SAMPLE TYPE: LAB BLANK

PROJECT NO.: 83-140 PROGRAM ELEMENT: M&P
SOURCE/SAID SITE: CITY: NASHVILLE STATE: TN
STATION/STATION NO.: SS-PW-02

SAMPLE COLLECTION: START DATE/TIME: 04/27/03
STOP DATE/TIME: 04/27/03

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D: 00/00/00 REC'D BY:
SEALED:

CHEMICAL METHOD:
ANALYTICAL METHOD:

CASE NO.: 1452 ORG SAMPLE NO.: D 2480 INORG SAMPLE NO.: I MD
CONTRACT LABORATORY(ORGANIC): MEAD TECH
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:

SAMPLE LOG VERIFIED BY: TBA SAMPLE DATA VERIFIED BY: HAW

REMARKS

FOOTNOTES
 *AVERAGE VALUE *N=NOT ANALYZED *N/A=INTERFERENCE
 *AN-ESTIMATED VALUE *N=PRELIMINARY EVIDENCE OF PRESENCE OF MATERIAL
 *K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *U=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

ANALYTICAL RESULTS

| RESULTS | UNITS | ELEMENT |
|---------|-------|------------|
| 1400 | PPB | ALUMINUM |
| 1400 | PPB | ANTIMONY |
| 1400 | PPB | ARSENIC |
| 1400 | PPB | BARIUM |
| 1400 | PPB | BORON |
| 1400 | PPB | CHROMIUM |
| 1400 | PPB | COPPER |
| 1400 | PPB | IRON |
| 1400 | PPB | MANGANESE |
| 1400 | PPB | MERCURY |
| 1400 | PPB | PHOSPHORUS |
| 1400 | PPB | PLATINUM |
| 1400 | PPB | SELENIUM |
| 1400 | PPB | STRONTIUM |
| 1400 | PPB | ZINC |

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REGIV
ATHENS GEORGIA

07/20/93

DATA REPORTING SHEET

SAMPLE NO. 83C2424 SAMPLE TYPE: LAB SPIKE

PROJECT NO# 1 83-140 PROGRAM ELEMENT: NSP
 SOURCE: SAAD SITE STATE: TN
 CITY: WASHVILLE
 STATION STATION ID# 85-P4-01
 SAMPLE COLLECTION: START DATE/TIME 04/27/83
 SAMPLE COLLECTION: STOP DATE/TIME 04/28/83
 COLLECTED BY: FRANKLIN RECEIVED FROM REC'D BY:
 SAMPLE REC'D: DATE/TIME 00/00/00 RECEIVED FROM REC'D BY:
 SEALED:
 CHEMIST: MAN
 ANALYTICAL METHOD:
 CASE NO# 1 8552 ORG SAMPLE NO# 0 INORG SAMPLE NO. 1 4D
 CONTRACT LABORATORY(ORGANIC): CHEM TECH
 REMARKS:
 SAMPLE LOG VERIFIED BY: TEE SAMPLE DATA VERIFIED BY: MAN
 REMARKS

*****ANALYTICAL RESULTS*****

| RESULTS | UNITS | ELEMENT |
|---------|-------|------------|
| 1600 | UG/L | LELVER |
| 1644 | UG/L | ARSENIC |
| 2400U | UG/L | BARIUM |
| 2516 | UG/L | BERYLLIUM |
| 2554 | UG/L | CHROMIUM |
| 6126 | UG/L | COPPER |
| 5547 | UG/L | IRON |
| 5523 | UG/L | MANGANESE |
| 200U | UG/L | NICKEL |
| NA | UG/L | POLYBENZYL |
| NA | UG/L | SELENIUM |
| 100U | UG/L | TITANIUM |
| 240 | UG/L | THALLIUM |
| NA | UG/L | TRIUM |
| 27 | UG/L | ZIRCONIUM |
| 0100U | UG/L | MERCURY |
| 27 | UG/L | ALUMINUM |
| NA | UG/L | WANANESE |
| 005U | UG/L | CHROMIUM |
| NA | UG/L | IRON |
| NA | UG/L | COPPER |

*****NOTES*****

*A-AVERAGE VALUE NA-NOT ANALYZED *N/A-INTERFERENCE
 *A-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
 *E-ESTIMATED VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
 *E-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
 *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.010 MG/L CYANIDE

STOREID
00720

07/20/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2435 SAMPLE TYPE: LAB BLANK

PROJECT NO.: 83-140 PROGRAM ELEMENTS: NSF
SOURCE: SAID SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-PW-02
STOREID STATION NO1

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 DRG SAMPLE NO.: D 2480 INORG SAMPLE NO.: MD 5
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

*****FOOTNOTES*****
*A-AVERAGE VALUE *B-NOT ANALYZED *HAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*W-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS

2

10330

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS UNITS PARAMETER
0.04 MG/L CYANIDE

STORET
00720

07/20/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2424 SAMPLE TYPE: LAB SPIKE

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAID SITE
CITY: NASHVILLE

STATE: TN

STATION ID: 55-PW-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 04/28/83

COLLECTED BY: R FRANKLIN RECEIVED FROM:
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: RPL CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D O INORG SAMPLE NO.: MD 6
CONTRACT LABORATORY(ORGANIC):
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARKS:
REMARKS:

SAMPLE LOG VERIFIED BY: IBB DATA VERIFIED BY: MAW

*****REMARKS*****

FOOTNOTES

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*E-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

2
8
0
3
1